Assessing the Levels of Financial Capability and Financial Well-being in Ireland

A report to the
Competition and Consumer Protection Commission (CCPC), Ireland

The Appendices

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Appendix 1: The questionnaire

The questionnaire consists of 120 questions in five sections, plus background variables.

Section A: Opening Module
The role IP has in making the household's financial decisions. General indicators of the household's financial situation.

Section B: Day-to-day Money Management
Indicators of money management routines and behaviours including planning, borrowing and spending. Bank accounts. Financial buffers. Keeping commitments. Arrears and overdrafts.

Section C: Planning for the future
Indicators of financial resilience for the future including saving and ability to handle unexpected expenses. Income, income change, mortgages, consumer loans and credit card debts. Retirement.

Section D: Product Purchase
Products held and products that one has actively made decisions about and purchased. Knowledge about financial products and risk. Assessments about one's ability to manage, plan and make financial decisions.

Section E: Role in managing money
Indicators on the role that IP plays in the day-to-day management of the household's finances. Financial education at home and at school.

Section F: Motivations
Psychological factors and personality traits.

Core background variables

Gender

age (continuous),

whether IP lives with a partner/as a couple,

whether there are children aged under 18 in household and if yes: how many and the age of the youngest child.

Housing tenure (outright owner, mortgagor, tenant, lives with parents, other),

IP's country of birth, parents' county/countries of birth.

Economic activity status (full-time employee, part-time employee, self-employed, unemployed and looking for work, not working through long-term sickness or disability, fully retired, partially retired, not working for other reason).

Geographical region

Education (degree level or above, vocational qualifications (post school), neither degree nor vocational qualifications).

Appendix 2: Component tables

Financial wellbeing

Meeting commitments		Structural coefficient
b3	How often has no money for food and expenses	0.58
b18	Ability to pay bills	0.56
b19	How often payment problems at the final reminder due to lack of money	0.59
Financially comfortable		
b1	How often has money left over at the end of the month	0.45
a2	How good/bad is your current financial situation	0.53
a3	How confident are you about financial situation in next 12 months	0.50
a5x	My finances allow me to do the things I want and enjoy life	0.51
Resilience for the future		
c3	How much could cover of an unexpected expense of one month's income	0.54
c5	How long could cover fall of income by a third without having to borrow	0.59
c10	Savings in terms of number of months' income	0.60
Retirement provision		
ret1	Adequacy of retirement income without working	0.61
ret2	Adequacy of retirement income even without state pension	0.64
Ret3	Proportion of retirement income provided by state pension	0.47

Behaviours

Spending restraint		Structural coefficient
b8	Lack of money because high consumption	0.52
b9_new	Before buys something considers carefully whether really needs it	0.50
b20	Impulsive, buys things cannot afford	0.54
b24	Is more of a saver than a spender	0.43
Active saving		
c1	How often saves money to cover unexpected expenses	0.45
c6	Tries to save money for the future	0.52
c7	Tries to save money regularly	0.51
c8	Makes sure always has money saved	0.52
Not borrowing for day to day expenses		
b10	How often uses credit for food and expenses	0.62
b11	How often borrows money to pay off debts	0.61
b16	How often is overdrawn	0.49
Restrained use of consumer credit		
numcards	Number of credit cards	0.52
numloans	Number of consumer loans (unsecured and secured)	0.51
totcards	Total amount owed on credit cards	0.49
totloans	Total amount owed on unsecured loans	0.47
Planning use of income		
b5	How often plans how to use the income	0.58
b6	How precisely plans how to use the income	0.56
b7	How often keeps to plan	0.59
Keeping track of money		
b12	Knows how much money spent last week	0.39
b14	How often checks account	0.67
b15	In what ways do you check account	0.63
Informed financial decision-making		
d12	Always gets information when has financial decision to make	0.52
d20x	Tries to stay informed about money matters	0.60
D21x	Spends lot of time considering options before making financial decisions	0.61
Informed product choice		
d4	How often checks that has the best product for needs	0.43
d6_7	Extent of information search before buying products	0.64
d8	How carefully checked terms and conditions of product bought	0.64

Knowledge and experience

		Structural coefficient
Knowledge of money management		
b23	Knowledge of how to plan spending against income	0.52
d10	Knows enough about savings products to choose the right one	0.60
d11	Knows enough about consumer loans and credit cards to choose the right one	0.61
Knowledge of how to compare financial products		
d13	Knowledge of how to use a price comparison website...	0.55
d14	Knowledge of how to compare terms and conditions of insurance products	0.58
d14x	Knowledge of how to compare terms and conditions of credit products	0.59
Experience of money management		
e1x	Experience of planning how money is spent	0.55
e2x	Experience of ensuring bills and credit commitments are paid	0.59
e3x	Experience of financial decision-making	0.59
Experience of financial product marketplace (Financial inclusion)		
d1	Number of products held	0.71
d5	Number of products purchased in last 3 years	0.71
Understanding of managing financial risk		
d15	A high-return investment is also likely to be high risk	0.63
d16	You can reduce risk by saving into more than one account	0.53
d18x	Borrowing over three times income increases risk of mortgage payment problems	0.57

Psychological factors

		Structural coefficient
Time orientation		
f1	I focus on the long term	0.59
f2	I live more for the present day than for tomorrow	0.66
f3	The future will take care of itself	0.64
Impulsivity		
f4	I often do things without giving them much thought	0.58
f5	I am impulsive	0.58
f6	I says things before I have thought them through	0.57
Social status		
f7	I care about how other people see me	0.59
f8	I am concerned about my status among people I know	0.60
f9	Want other people to respect me	0.54
Self control		
f10	I am good at resisting temptation	0.64
f11	I find it difficult to break undesirable habits	0.46
f12	I am always in control of my actions	0.62
Locus of control		
f13	I can pretty much determine what happens in my life	0.63
f14	My financial situation is largely out of my control	0.44
f15	When I make plans I do everything I can to succeed	0.64
Action orientation/inertia		
f16x	When I have a difficult decision to make I put it off to another day	0.68
f17x	When I have something to do that I don't like, I do it immediately to get it done	0.42
f18x	When I have to choose between a lot of options, I find it difficult to decide	0.61
Attitudes towards spending, saving and borrowing		
b25	Prefers to buy things on credit rather than wait and save up	0.55
B26	Prefers to cut back rather than put everyday spending on a credit card	0.37
c2	Prefers to spend rather than save up for unexpected expenses if income drop	0.53
c9	Finds it more satisfying to spend money than to save it	0.54
Financial confidence		
d22x	About managing money day-to-day	0.54
d23x	About planning for financial future	0.59
d24x	About making financial decisions on financial products and services	0.60

Overall financial wellbeing		Structural coefficient
b1	Money left over	0.29
b3	No money for food and expenses	0.28
b18	Ability to pay bills	0.33
b19	How often payment problems at the final reminder due to lack of money	0.28
c3	How much of an unexpected expense equivalent to one month's income	0.33
c5	How long could cover fall of income by a third without having to borrow	0.33
c10	Savings in terms of number of month's income	0.32
a2	How is your current financial situation	0.35
a3	How confident are you about financial situation in next 12 months	0.32
a4	How much control of finances do you feel you have	0.34

Component descriptive statistics: all individuals (weighted)

	Min	Max	**Mean**	Std dev
Financial wellbeing				
Meeting commitments	0	100	**80**	22.057
Feeling comfortable	0	100	**61**	20.851
Resilience for the future	0	100	**52**	29.669
Resilience for retirement (all)	0	100	**47**	27.436
Resilience for retirement (not yet retired)	0	100	**45**	27.687
Overall financial wellbeing	0	100	**64**	20.087
Behaviours				
Spending restraint	0	100	**68**	17.826
Active saving	0	100	**68**	22.185
Not borrowing for daily expenses	0	100	**86**	18.127
Restrained consumer borrowing	-	-	**-**	-
Informed decision making	0	100	**67**	19.180
Informed product choice	0	100	**48**	35.738
Planning how you use your income	0	100	**59**	25.768
Keeping track of money	0	100	**64**	21.542
Knowledge and experience				
Knowledge of managing money	0	100	**61**	17.894
Knowledge of how to choose financial products	0	100	**60**	26.548
Experience of money management	0	100	**89**	21.284
Experience of financial product marketplace	0	100	**28**	18.629
Understanding of risk	0	100	**71**	17.194
Psychological determinants				
Time orientation	0	100	**51**	20.662
Impulsivity control	0	100	**55**	24.205
Social status	0	100	**36**	19.828
Self-control	0	100	**61**	17.406
Action orientation	0	100	**49**	20.780
Financial locus of control	11	100	**67**	16.091
Attitudes towards spending, saving and borrowing	0	78	**48**	15.337
Financial confidence	0	100	**62**	22.726

Appendix 3: The well-being regressions. Parsimonious models (weighted results)

Meeting commitments

Source	SS	df	MS		
				Number of obs	= 1,401
				F(35, 1365)	= 47.21
Model	372998.133	35	10657.0895	Prob > F	= 0.0000
Residual	308128.096	1,365	225.734869	R-squared	= 0.5476
				Adj R-squared	= 0.5360
Total	681126.229	1,400	486.518735	Root MSE	= 15.024

wb1s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-.6419955	1.409976	-0.46	0.649	-3.407951	2.12396
beh2s	.2132035	.0237074	8.99	0.000	.1666965	.2597104
beh3s	.4234406	.0263115	16.09	0.000	.3718252	.475056
beh4s	.1729251	.0710132	2.44	0.015	.0336182	.3122321
kn4s	.088021	.0279685	3.15	0.002	.0331552	.1428868
socs	.0330726	.0217418	1.52	0.128	-.0095783	.0757234
locs	.0879203	.0308314	2.85	0.004	.0274382	.1484024
att2s	.0856503	.0197843	4.33	0.000	.0468394	.1244612
e7	2.762376	.8653038	3.19	0.001	1.064907	4.459845
income_2	.0000688	.0000219	3.14	0.002	.0000258	.0001118
inc_drop	-5.786871	1.435591	-4.03	0.000	-8.603075	-2.970667
inc_inc	1.813083	1.586837	1.14	0.253	-1.299821	4.925986
exp_inc	-6.051727	1.137343	-5.32	0.000	-8.282857	-3.820597
e5	2.183045	.8814127	2.48	0.013	.4539747	3.912115
wrkfulltime	-2.396011	1.437736	-1.67	0.096	-5.216422	.4243996
wrkparttime	-4.173459	1.687858	-2.47	0.014	-7.484537	-.8623815
wrkselfemp	-4.917116	2.397536	-2.05	0.040	-9.620371	-.2138609
wrkunempl	-8.366424	2.222019	-3.77	0.000	-12.72537	-4.007482
wrkdisabled	-8.335594	2.723158	-3.06	0.002	-13.67762	-2.993566
wrkother	-4.503131	1.592596	-2.83	0.005	-7.627331	-1.37893
leinster	4.221048	1.18602	3.56	0.000	1.894429	6.547667
munster	2.400476	1.187476	2.02	0.043	.0710011	4.729951
ulster	.154488	1.346563	0.11	0.909	-2.487068	2.796044
renter	-5.293117	1.135393	-4.66	0.000	-7.520422	-3.065812
owner_m	-3.229855	1.254275	-2.58	0.010	-5.69037	-.7693402
age_u30	-3.022894	1.539856	-1.96	0.050	-6.043635	-.0021537
age_30_44	.0757024	1.371002	0.06	0.956	-2.613797	2.765202
age_45_59	1.035996	1.362721	0.76	0.447	-1.637259	3.709251
gender	.7055702	.8875515	0.79	0.427	-1.035543	2.446683
single	.486397	1.235558	0.39	0.694	-1.9374	2.910194
divorced	-3.361204	1.395877	-2.41	0.016	-6.099501	-.6229064
numchild	-1.148601	.4301817	-2.67	0.008	-1.99249	-.304712
educ_junior	-5.23398	1.339388	-3.91	0.000	-7.861463	-2.606498
educ_leave	-1.391979	1.153074	-1.21	0.228	-3.65397	.8700106
educ_voc	-1.150777	1.263513	-0.91	0.363	-3.629415	1.327861
_cons	.0287678	7.196925	0.00	0.997	-14.08946	14.147

Financially comfortable

Source	SS	df	MS	Number of obs	=	1,401
				F(35, 1365)	=	34.74
Model	286778.088	35	8193.65965	Prob > F	=	0.0000
Residual	321905.714	1,365	235.828362	R-squared	=	0.4711
				Adj R-squared	=	0.4576
Total	608683.801	1,400	434.774144	Root MSE	=	15.357

wb2s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.229931	1.441154	-1.55	0.122	-5.057049	.5971862
beh2s	.2830896	.0242316	11.68	0.000	.2355543	.3306249
beh3s	.1224796	.0268933	4.55	0.000	.0697229	.1752364
beh4s	-.0927468	.0725835	-1.28	0.202	-.2351341	.0496406
kn4s	.0767983	.0285869	2.69	0.007	.0207192	.1328773
socs	.0771331	.0222225	3.47	0.001	.0335391	.1207271
locs	.0357561	.0315132	1.13	0.257	-.0260634	.0975756
att2s	.1171082	.0202218	5.79	0.000	.0774391	.1567773
e7	1.320136	.8844378	1.49	0.136	-.4148687	3.055141
income_2	.0001032	.0000224	4.60	0.000	.0000592	.0001471
inc_drop	-5.581019	1.467336	-3.80	0.000	-8.459496	-2.702542
inc_inc	5.219966	1.621926	3.22	0.001	2.038229	8.401704
exp_inc	-5.617404	1.162493	-4.83	0.000	-7.89787	-3.336938
e5	2.231145	.9009029	2.48	0.013	.4638405	3.998449
wrkfulltime	-3.139405	1.469528	-2.14	0.033	-6.022182	-.2566277
wrkparttime	-5.679611	1.725181	-3.29	0.001	-9.063905	-2.295317
wrkselfemp	-5.268349	2.450552	-2.15	0.032	-10.07561	-.4610937
wrkunempl	-11.87719	2.271153	-5.23	0.000	-16.33252	-7.421859
wrkdisabled	-12.03846	2.783373	-4.33	0.000	-17.49862	-6.57831
wrkother	-3.444278	1.627812	-2.12	0.035	-6.637562	-.2509936
leinster	.6404821	1.212245	0.53	0.597	-1.737584	3.018548
munster	-4.266141	1.213734	-3.51	0.000	-6.647127	-1.885156
ulster	-7.019976	1.376338	-5.10	0.000	-9.719944	-4.320009
renter	-1.617415	1.1605	-1.39	0.164	-3.893972	.659141
owner_m	-2.029756	1.28201	-1.58	0.114	-4.544679	.4851666
age_u30	-2.839874	1.573906	-1.80	0.071	-5.92741	.2476629
age_30_44	-1.696946	1.401318	-1.21	0.226	-4.445917	1.052025
age_45_59	-1.046792	1.392855	-0.75	0.452	-3.77916	1.685575
gender	-.6721535	.9071775	-0.74	0.459	-2.451767	1.10746
single	-2.391467	1.262879	-1.89	0.058	-4.868861	.0859263
divorced	-2.770023	1.426744	-1.94	0.052	-5.568871	.028825
numchild	-1.219439	.4396941	-2.77	0.006	-2.081988	-.3568893
educ_junior	-7.681684	1.369005	-5.61	0.000	-10.36727	-4.996101
educ_leave	-2.473483	1.178572	-2.10	0.036	-4.785491	-.1614745
educ_voc	-3.027667	1.291453	-2.34	0.019	-5.561114	-.4942201
_cons	35.81968	7.356067	4.87	0.000	21.38926	50.2501

Resilience for the future

Source	SS	df	MS		
				Number of obs	= 1,401
				F(35, 1365)	= 45.23
Model	661804.838	35	18908.7097	Prob > F	= 0.0000
Residual	570602.293	1,365	418.023658	R-squared	= 0.5370
				Adj R-squared	= 0.5251
Total	1232407.13	1,400	880.290808	Root MSE	= 20.446

wb3s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.9391	1.918726	-1.53	0.126	-6.703071	.8248708
beh2s	.6235471	.0322616	19.33	0.000	.5602595	.6868347
beh3s	.044694	.0358053	1.25	0.212	-.0255453	.1149334
beh4s	-.0108039	.0966363	-0.11	0.911	-.2003758	.1787679
kn4s	.2116362	.0380601	5.56	0.000	.1369736	.2862988
socs	.0518921	.0295866	1.75	0.080	-.0061481	.1099323
locs	.06007	.0419561	1.43	0.152	-.0222353	.1423754
att2s	.0539017	.0269229	2.00	0.045	.0010871	.1067164
e7	2.489359	1.177524	2.11	0.035	.1794068	4.799312
income_2	.0000857	.0000298	2.87	0.004	.0000272	.0001442
inc_drop	-1.1282	1.953583	-0.58	0.564	-4.96055	2.704151
inc_inc	3.721063	2.159402	1.72	0.085	-.5150424	7.957169
exp_inc	-5.201031	1.547721	-3.36	0.001	-8.237201	-2.164862
e5	1.736686	1.199445	1.45	0.148	-.6162695	4.089642
wrkfulltime	-7.046128	1.956501	-3.60	0.000	-10.8842	-3.208052
wrkparttime	-8.705674	2.296874	-3.79	0.000	-13.21146	-4.199889
wrkselfemp	-7.946068	3.262618	-2.44	0.015	-14.34636	-1.545778
wrkunempl	-13.84293	3.023771	-4.58	0.000	-19.77467	-7.911187
wrkdisabled	-8.943737	3.705731	-2.41	0.016	-16.21328	-1.674193
wrkother	-7.636684	2.167238	-3.52	0.000	-11.88816	-3.385206
leinster	-.2916378	1.613961	-0.18	0.857	-3.45775	2.874475
munster	-.0905159	1.615942	-0.06	0.955	-3.260515	3.079483
ulster	-1.119554	1.832431	-0.61	0.541	-4.71424	2.475132
renter	-9.196183	1.545067	-5.95	0.000	-12.22715	-6.165219
owner_m	-7.197102	1.706844	-4.22	0.000	-10.54542	-3.848781
age_u30	-5.870523	2.095469	-2.80	0.005	-9.981211	-1.759835
age_30_44	-1.804364	1.865689	-0.97	0.334	-5.464293	1.855565
age_45_59	-3.11543	1.85442	-1.68	0.093	-6.753253	.5223924
gender	.1807557	1.207799	0.15	0.881	-2.188588	2.550099
single	-4.769186	1.681373	-2.84	0.005	-8.067541	-1.47083
divorced	-1.885502	1.89954	-0.99	0.321	-5.611836	1.840831
numchild	-.7858531	.5854004	-1.34	0.180	-1.934235	.3625289
educ_junior	-3.426891	1.822668	-1.88	0.060	-7.002426	.148643
educ_leave	-3.492062	1.569128	-2.23	0.026	-6.570227	-.4138979
educ_voc	-3.649051	1.719416	-2.12	0.034	-7.022035	-.2760676
_cons	6.249742	9.793729	0.64	0.523	-12.96265	25.46213

General financial well-being

Source	SS	df	MS	Number of obs	=	1,401
				F(35, 1365)	=	72.37
Model	367057.546	35	10487.3585	Prob > F	=	0.0000
Residual	197809.637	1,365	144.915485	R-squared	=	0.6498
				Adj R-squared	=	0.6408
Total	564867.183	1,400	403.47656	Root MSE	=	12.038

owbs	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.010077	1.129718	-1.78	0.075	-4.226248	.2060943
beh2s	.3531974	.0189951	18.59	0.000	.3159346	.3904602
beh3s	.1888613	.0210816	8.96	0.000	.1475054	.2302172
beh4s	.0081712	.0568981	0.14	0.886	-.1034459	.1197883
kn4s	.1132816	.0224092	5.06	0.000	.0693214	.1572419
socs	.0586612	.0174202	3.37	0.001	.024488	.0928345
locs	.0583111	.0247031	2.36	0.018	.0098509	.1067712
att2s	.0924872	.0158518	5.83	0.000	.0613907	.1235837
e7	2.044215	.6933087	2.95	0.003	.6841491	3.404281
income_2	.0000894	.0000176	5.09	0.000	.000055	.0001239
inc_drop	-4.548606	1.150241	-3.95	0.000	-6.805038	-2.292175
inc_inc	3.896512	1.271424	3.06	0.002	1.402355	6.390669
exp_inc	-5.696857	.9112754	-6.25	0.000	-7.484509	-3.909204
e5	2.152612	.7062157	3.05	0.002	.7672263	3.537998
wrkfulltime	-4.022672	1.151959	-3.49	0.000	-6.282474	-1.762869
wrkparttime	-6.100882	1.352366	-4.51	0.000	-8.753823	-3.447942
wrkselfemp	-6.121202	1.920982	-3.19	0.001	-9.889598	-2.352805
wrkunempl	-11.55981	1.780352	-6.49	0.000	-15.05234	-8.067293
wrkdisabled	-10.35731	2.18188	-4.75	0.000	-14.63751	-6.077104
wrkother	-4.907519	1.276038	-3.85	0.000	-7.410727	-2.404311
leinster	1.364889	.9502764	1.44	0.151	-.4992718	3.229049
munster	-1.399805	.951443	-1.47	0.141	-3.266254	.466644
ulster	-3.558818	1.078908	-3.30	0.001	-5.675316	-1.442319
renter	-4.647617	.909713	-5.11	0.000	-6.432204	-2.86303
owner_m	-3.701765	1.004964	-3.68	0.000	-5.673207	-1.730322
age_u30	-3.601855	1.233781	-2.92	0.004	-6.022167	-1.181542
age_30_44	-1.182846	1.09849	-1.08	0.282	-3.337759	.9720658
age_45_59	-.9308399	1.091855	-0.85	0.394	-3.072736	1.211057
gender	-.1033883	.7111343	-0.15	0.884	-1.498423	1.291646
single	-2.244009	.9899677	-2.27	0.024	-4.186032	-.3019855
divorced	-2.78744	1.118421	-2.49	0.013	-4.98145	-.5934293
numchild	-1.093642	.3446752	-3.17	0.002	-1.769792	-.4174914
educ_junior	-5.928455	1.07316	-5.52	0.000	-8.033677	-3.823233
educ_leave	-2.444005	.9238797	-2.65	0.008	-4.256383	-.6316274
educ_voc	-2.711302	1.012367	-2.68	0.007	-4.697265	-.7253387
_cons	17.56628	5.766404	3.05	0.002	6.254308	28.87826

Resilience in retirement (The retired)

Model 1

Source	SS	df	MS		
Model	80290.0837	15	5352.67224	Number of obs	= 366
Residual	171332.253	350	489.520724	F(15, 350)	= 10.93
				Prob > F	= 0.0000
Total	251622.337	365	689.376266	R-squared	= 0.3191
				Adj R-squared	= 0.2899
				Root MSE	= 22.125

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.464222	4.084643	-0.60	0.547	-10.49776	5.569311
age	.2990072	.1008244	2.97	0.003	.1007093	.4973051
gender	-.9110106	2.432461	-0.37	0.708	-5.695089	3.873068
single	-7.433472	3.747132	-1.98	0.048	-14.8032	-.0637451
divorced	-10.72159	2.922103	-3.67	0.000	-16.46868	-4.974504
educ_junior	-22.21439	3.284605	-6.76	0.000	-28.67444	-15.75435
educ_leave	-9.178259	3.602719	-2.55	0.011	-16.26396	-2.092558
educ_voc	-2.554023	3.922629	-0.65	0.515	-10.26891	5.160867
renter	-5.631844	3.258359	-1.73	0.085	-12.04027	.7765829
owner_m	-21.1707	5.737038	-3.69	0.000	-32.45411	-9.887299
leinster	.7999054	3.438059	0.23	0.816	-5.961948	7.561759
munster	-.8560529	3.214648	-0.27	0.790	-7.17851	5.466404
ulster	-.7069273	3.874002	-0.18	0.855	-8.326178	6.912323
scheme	10.50411	5.063203	2.07	0.039	.5459804	20.46224
enrolled	3.902568	5.283532	0.74	0.461	-6.488897	14.29403
_cons	47.03845	8.415661	5.59	0.000	30.48682	63.59007

Model 2:

Source	SS	df	MS		
Model	105535.35	17	6207.96174	Number of obs	= 366
Residual	146086.988	348	419.790194	F(17, 348)	= 14.79
				Prob > F	= 0.0000
Total	251622.337	365	689.376266	R-squared	= 0.4194
				Adj R-squared	= 0.3911
				Root MSE	= 20.489

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.378374	3.806372	-0.62	0.532	-9.864763	5.108014
age	.1586103	.0950538	1.67	0.096	-.0283419	.3455624
gender	-.0069653	2.264416	-0.00	0.998	-4.460628	4.446697
single	-5.128804	3.465317	-1.48	0.140	-11.9444	1.686796
divorced	-7.53968	2.734707	-2.76	0.006	-12.91831	-2.161047
educ_junior	-19.10653	3.034204	-6.30	0.000	-25.07421	-13.13884
educ_leave	-6.958539	3.332812	-2.09	0.038	-13.51353	-.4035504
educ_voc	.9342832	3.656531	0.26	0.798	-6.257397	8.125964
renter	-5.475735	2.995893	-1.83	0.068	-11.36807	.4166003
owner_m	-22.25254	5.295176	-4.20	0.000	-32.66712	-11.83797
leinster	-1.08751	3.182371	-0.34	0.733	-7.34661	5.171591
munster	-.9293304	2.9737	-0.31	0.755	-6.778015	4.919355
ulster	-2.6599	3.631291	-0.73	0.464	-9.801937	4.482138
c34_40_investment	4.839069	3.296728	1.47	0.143	-1.644949	11.32309
c34_40_property	17.31477	3.899161	4.44	0.000	9.645888	24.98366
c34_40_business	5.004901	5.755096	0.87	0.385	-6.314245	16.32405
c34_40_pension	18.50139	2.425072	7.63	0.000	13.73175	23.27104
_cons	47.23704	7.720485	6.12	0.000	32.05236	62.42172

Resilience for retirement (the not retired):

Model 1:

Source	SS	df	MS	Number of obs	=	1,035
				F(37, 997)	=	16.94
Model	305971.141	37	8269.49028	Prob > F	=	0.0000
Residual	486753.923	997	488.218578	R-squared	=	0.3860
				Adj R-squared	=	0.3632
Total	792725.063	1,034	766.658668	Root MSE	=	22.096

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-2.924988	2.427158	-1.21	0.228	-7.687911	1.837936
beh2s	.1743327	.040427	4.31	0.000	.0950009	.2536645
beh3s	.0000744	.0436564	0.00	0.999	-.0855945	.0857433
beh4s	.0117665	.1183823	0.10	0.921	-.2205405	.2440736
kn4s	.0869367	.0489076	1.78	0.076	-.0090369	.1829104
socs	-.0129945	.0380999	-0.34	0.733	-.0877597	.0617707
locs	.1240225	.0538181	2.30	0.021	.0184128	.2296322
att2s	.0713722	.0337217	2.12	0.035	.0051985	.137546
e7	2.280164	1.493561	1.53	0.127	-.6507202	5.211049
income_2	.000145	.0000374	3.87	0.000	.0000715	.0002184
inc_drop	-5.784642	2.412656	-2.40	0.017	-10.51911	-1.050175
inc_inc	8.203665	2.588174	3.17	0.002	3.124773	13.28256
exp_inc	-7.605547	1.921591	-3.96	0.000	-11.37637	-3.83472
e5	2.202389	1.513162	1.46	0.146	-.7669593	5.171737
c32	.6287665	2.530289	0.25	0.804	-4.336537	5.59407
c33	9.523433	2.670047	3.57	0.000	4.283876	14.76299
leinster	-8.025593	2.048999	-3.92	0.000	-12.04644	-4.004748
munster	-12.32257	2.072591	-5.95	0.000	-16.38971	-8.255433
ulster	-11.2245	2.307862	-4.86	0.000	-15.75332	-6.695677
wrkfulltime	-2.303743	5.055086	-0.46	0.649	-12.22357	7.616086
wrkparttime	-5.957227	5.307182	-1.12	0.262	-16.37176	4.457301
wrkselfemp	2.860933	5.908537	0.48	0.628	-8.733664	14.45553
wrkunempl	-.3516061	5.770799	-0.06	0.951	-11.67591	10.9727
wrkdisabled	-13.83495	6.892132	-2.01	0.045	-27.3597	-.3101985
wrkother	-4.689032	5.344357	-0.88	0.380	-15.17651	5.798446
renter	-3.470514	1.945918	-1.78	0.075	-7.289079	.3480514
owner_m	-.884286	2.030186	-0.44	0.663	-4.868214	3.099642
age_u30	-4.981006	2.49327	-2.00	0.046	-9.873664	-.0883472
age_30_44	-3.329259	2.214525	-1.50	0.133	-7.674923	1.016405
age_45_59	.2908979	2.178961	0.13	0.894	-3.984979	4.566774
gender	-1.701628	1.54614	-1.10	0.271	-4.73569	1.332434
single	.7008955	2.074429	0.34	0.736	-3.369853	4.771644
divorced	-6.349622	3.030657	-2.10	0.036	-12.29682	-.4024226
numchild	-.8571864	.6600924	-1.30	0.194	-2.152516	.4381434
educ_junior	-7.524347	2.472558	-3.04	0.002	-12.37636	-2.672332
educ_leave	-6.055909	1.942312	-3.12	0.002	-9.867396	-2.244421
educ_voc	-6.378425	2.143824	-2.98	0.003	-10.58535	-2.1715
_cons	31.02144	12.76737	2.43	0.015	5.967443	56.07544

Model 2:

Source	SS	df	MS	Number of obs	=	1,035
				F(39, 995)	=	21.15
Model	359301.209	39	9212.85153	Prob > F	=	0.0000
Residual	433423.854	995	435.601863	R-squared	=	0.4532
				Adj R-squared	=	0.4318
Total	792725.063	1,034	766.658668	Root MSE	=	20.871

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-4.511693	2.296384	-1.96	0.050	-9.018006	-.0053811
beh2s	.179553	.0381973	4.70	0.000	.1045964	.2545095
beh3s	.021703	.0412998	0.53	0.599	-.0593417	.1027476
beh4s	.1150901	.1128899	1.02	0.308	-.1064395	.3366197
kn4s	-.0030234	.0470591	-0.06	0.949	-.0953698	.0893231
socs	.0129747	.0360562	0.36	0.719	-.0577802	.0837295
locs	.0959393	.050836	1.89	0.059	-.0038188	.1956973
att2s	.0576997	.0318998	1.81	0.071	-.004899	.1202984
e7	1.166022	1.412547	0.83	0.409	-1.60589	3.937934
income_2	.0001228	.0000354	3.47	0.001	.0000534	.0001923
inc_drop	-6.466435	2.280264	-2.84	0.005	-10.94111	-1.991757
inc_inc	7.578335	2.443741	3.10	0.002	2.782857	12.37381
exp_inc	-6.477817	1.820662	-3.56	0.000	-10.05059	-2.905039
e5	2.047603	1.430395	1.43	0.153	-.7593334	4.854539
leinster	-8.112569	1.93219	-4.20	0.000	-11.9042	-4.320935
munster	-11.39084	1.965799	-5.79	0.000	-15.24843	-7.533256
ulster	-11.70676	2.178173	-5.37	0.000	-15.9811	-7.432417
c27_pension	16.10226	1.613871	9.98	0.000	12.93528	19.26924
c27_investment	8.938142	2.488764	3.59	0.000	4.054314	13.82197
c27_property	11.44656	2.432811	4.71	0.000	6.672536	16.22059
c27_business	12.59636	3.38883	3.72	0.000	5.946284	19.24643
wrkfulltime	-2.914603	4.7941	-0.61	0.543	-12.32231	6.493104
wrkparttime	-6.307312	5.019516	-1.26	0.209	-16.15736	3.542739
wrkselfemp	-4.220953	5.595728	-0.75	0.451	-15.20174	6.75983
wrkunempl	-.6366049	5.449656	-0.12	0.907	-11.33074	10.05753
wrkdisabled	-12.65226	6.507273	-1.94	0.052	-25.42182	.1172894
wrkother	-5.191035	5.038783	-1.03	0.303	-15.0789	4.696827
renter	-2.017747	1.844461	-1.09	0.274	-5.637227	1.601733
owner_m	-1.195431	1.926444	-0.62	0.535	-4.97579	2.584928
age_u30	-2.58961	2.365333	-1.09	0.274	-7.231224	2.052004
age_30_44	-1.821328	2.096245	-0.87	0.385	-5.934896	2.29224
age_45_59	.6916078	2.059335	0.34	0.737	-3.349531	4.732746
gender	-.2247586	1.462491	-0.15	0.878	-3.09468	2.645163
single	.5782126	1.958985	0.30	0.768	-3.266003	4.422428
divorced	-6.439696	2.861943	-2.25	0.025	-12.05583	-.8235587
numchild	-.6264011	.6224835	-1.01	0.315	-1.847932	.59513
educ_junior	-7.731519	2.326845	-3.32	0.001	-12.29761	-3.165433
educ_leave	-5.581708	1.821996	-3.06	0.002	-9.157104	-2.006311
educ_voc	-5.913191	2.02289	-2.92	0.004	-9.882811	-1.94357
_cons	17.82018	12.244	1.46	0.146	-6.20684	41.8472

Appendix 4: The well-being regressions. Explorative models (weighted results)

Meeting commitments

Source	SS	df	MS		
				Number of obs	= 1,401
				F(50, 1350)	= 34.14
Model	380349.333	50	7606.98667	Prob > F	= 0.0000
Residual	300776.896	1,350	222.797701	R-squared	= 0.5584
				Adj R-squared	= 0.5421
Total	681126.229	1,400	486.518735	Root MSE	= 14.926

wb1s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-1.414106	1.524924	-0.93	0.354	-4.405585	1.577372
beh1s	.0429087	.0320339	1.34	0.181	-.0199329	.1057504
beh2s	.2141631	.025528	8.39	0.000	.1640843	.2642419
beh3s	.4243864	.0269557	15.74	0.000	.3715067	.4772661
beh4s	.1890025	.0723449	2.61	0.009	.0470819	.3309232
beh5s	.014142	.0288987	0.49	0.625	-.0425492	.0708331
beh6s	-.0321877	.014029	-2.29	0.022	-.0597088	-.0046667
beh7s	-.0372993	.017388	-2.15	0.032	-.0714099	-.0031888
beh8s	.0243667	.0218714	1.11	0.265	-.0185389	.0672723
kn1s	.0884137	.0313665	2.82	0.005	.0268813	.149946
kn2s	-.0581395	.0217758	-2.67	0.008	-.1008577	-.0154214
kn3s	.0093167	.0231384	0.40	0.687	-.0360744	.0547077
kn4s	.1183091	.031171	3.80	0.000	.0571601	.179458
kn5s	-.0453172	.025577	-1.77	0.077	-.0954921	.0048578
tos	-.0360663	.0241996	-1.49	0.136	-.0835392	.0114067
imps	.005149	.0240858	0.21	0.831	-.0421006	.0523986
socs	.0313025	.022965	1.36	0.173	-.0137485	.0763535
selfs	-.0086814	.0294381	-0.29	0.768	-.0664308	.0490681
aos	-.0068089	.0238203	-0.29	0.775	-.0535376	.0399199
locs	.0933309	.0332235	2.81	0.005	.0281557	.1585061
att2s	.1009745	.0209698	4.82	0.000	.0598376	.1421113
att1s	-.0706923	.0376459	-1.88	0.061	-.1445432	.0031586
e6	1.477938	1.019158	1.45	0.147	-.5213678	3.477244
e7	2.235439	.9444163	2.37	0.018	.3827557	4.088122
income_2	.0000658	.0000221	2.98	0.003	.0000225	.0001091
inc_drop	-5.357005	1.437449	-3.73	0.000	-8.176882	-2.537128
inc_inc	1.70535	1.594489	1.07	0.285	-1.422596	4.833296
exp_inc	-5.754401	1.147422	-5.02	0.000	-8.005325	-3.503477
e5	2.161243	.8965882	2.41	0.016	.4023857	3.920101
wrkfulltime	-2.14743	1.442912	-1.49	0.137	-4.978024	.683163
wrkparttime	-3.856735	1.696161	-2.27	0.023	-7.184132	-.5293384
wrkselfemp	-5.019382	2.400119	-2.09	0.037	-9.72775	-.3110144
wrkunempl	-7.90228	2.235418	-3.54	0.000	-12.28755	-3.517009
wrkdisabled	-8.739444	2.727231	-3.20	0.001	-14.08952	-3.389372
wrkother	-4.162855	1.593148	-2.61	0.009	-7.288169	-1.03754
leinster	4.165515	1.230116	3.39	0.001	1.752369	6.578662
munster	2.298083	1.272589	1.81	0.071	-.1983836	4.794549
ulster	.356522	1.394799	0.26	0.798	-2.379686	3.09273
renter	-5.159648	1.138757	-4.53	0.000	-7.393572	-2.925723
owner_m	-3.307399	1.254056	-2.64	0.008	-5.76751	-.847288
age_u30	-2.814149	1.558816	-1.81	0.071	-5.872113	.2438155
age_30_44	.4886919	1.37817	0.35	0.723	-2.214896	3.19228
age_45_59	1.380467	1.366071	1.01	0.312	-1.299385	4.060319
gender	.639626	.8947976	0.71	0.475	-1.115719	2.394971
single	.4739174	1.243279	0.38	0.703	-1.965051	2.912886
divorced	-3.821003	1.404763	-2.72	0.007	-6.576759	-1.065248
numchild	-1.12752	.4310488	-2.62	0.009	-1.973119	-.281922
educ_junior	-5.063483	1.386637	-3.65	0.000	-7.783681	-2.343286
educ_leave	-1.203942	1.165342	-1.03	0.302	-3.49002	1.082136
educ_voc	-.7630794	1.269414	-0.60	0.548	-3.253318	1.727159
_cons	.5291286	7.350959	0.07	0.943	-13.89142	14.94967

Financially comfortable

Source	SS	df	MS	Number of obs	=	1,401
				F(50, 1350)	=	26.13
Model	299376.061	50	5987.52121	Prob > F	=	0.0000
Residual	309307.741	1,350	229.116845	R-squared	=	0.4918
				Adj R-squared	=	0.4730
Total	608683.801	1,400	434.774144	Root MSE	=	15.137

wb2s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-1.854427	1.546398	-1.20	0.231	-4.888032	1.179178
beh1s	-.0512758	.032485	-1.58	0.115	-.1150024	.0124508
beh2s	.3253566	.0258875	12.57	0.000	.2745726	.3761406
beh3s	.1597411	.0273353	5.84	0.000	.1061167	.2133654
beh4s	-.0712486	.0733637	-0.97	0.332	-.2151678	.0726706
beh5s	-.0441889	.0293056	-1.51	0.132	-.1016784	.0133006
beh6s	.0077158	.0142266	0.54	0.588	-.0201928	.0356244
beh7s	-.0370027	.0176329	-2.10	0.036	-.0715936	-.0024118
beh8s	-.021398	.0221794	-0.96	0.335	-.0649078	.0221118
kn1s	.045312	.0318082	1.42	0.155	-.0170869	.1077109
kn2s	.0037379	.0220825	0.17	0.866	-.0395819	.0470576
kn3s	-.0161251	.0234642	-0.69	0.492	-.0621554	.0299051
kn4s	.0877529	.03161	2.78	0.006	.0257429	.1497629
kn5s	-.0374431	.0259371	-1.44	0.149	-.0883246	.0134384
tos	.0115889	.0245404	0.47	0.637	-.0365526	.0597303
imps	-.0467934	.0244249	-1.92	0.056	-.0947084	.0011215
socs	.0949179	.0232884	4.08	0.000	.0492324	.1406033
selfs	.019737	.0298527	0.66	0.509	-.0388257	.0782997
aos	-.0180216	.0241557	-0.75	0.456	-.0654083	.0293652
locs	.0664616	.0336913	1.97	0.049	.0003686	.1325547
att2s	.1354109	.0212651	6.37	0.000	.0936947	.1771271
att1s	-.1030568	.0381761	-2.70	0.007	-.1779477	-.0281659
e6	1.89908	1.03351	1.84	0.066	-.1283806	3.92654
e7	.5805219	.9577158	0.61	0.545	-1.298251	2.459295
income_2	.0001006	.0000224	4.50	0.000	.0000567	.0001446
inc_drop	-4.784138	1.457692	-3.28	0.001	-7.643724	-1.924551
inc_inc	4.360176	1.616943	2.70	0.007	1.188181	7.53217
exp_inc	-4.919626	1.16358	-4.23	0.000	-7.202249	-2.637004
e5	1.894585	.9092141	2.08	0.037	.1109587	3.678211
wrkfulltime	-3.036887	1.463231	-2.08	0.038	-5.907341	-.1664328
wrkparttime	-5.486027	1.720046	-3.19	0.001	-8.860281	-2.111773
wrkselfemp	-5.251057	2.433918	-2.16	0.031	-10.02573	-.4763846
wrkunempl	-11.34885	2.266898	-5.01	0.000	-15.79587	-6.90182
wrkdisabled	-10.951	2.765637	-3.96	0.000	-16.37641	-5.525584
wrkother	-2.932112	1.615583	-1.81	0.070	-6.101438	.2372143
leinster	1.617985	1.247439	1.30	0.195	-.8291434	4.065114
munster	-1.741307	1.290509	-1.35	0.177	-4.272929	.7903151
ulster	-5.264485	1.41444	-3.72	0.000	-8.039225	-2.489745
renter	-1.845541	1.154793	-1.60	0.110	-4.110925	.4198418
owner_m	-1.887392	1.271716	-1.48	0.138	-4.382147	.607363
age_u30	-4.016102	1.580767	-2.54	0.011	-7.117129	-.9150749
age_30_44	-2.496434	1.397578	-1.79	0.074	-5.238094	.2452264
age_45_59	-1.632824	1.385308	-1.18	0.239	-4.350414	1.084766
gender	-.8638187	.9073983	-0.95	0.341	-2.643883	.9162453
single	-1.69805	1.260787	-1.35	0.178	-4.171365	.7752643
divorced	-2.161228	1.424545	-1.52	0.129	-4.955791	.6333341
numchild	-.9673588	.4371189	-2.21	0.027	-1.824865	-.1098526
educ_junior	-7.178583	1.406164	-5.11	0.000	-9.937087	-4.420079
educ_leave	-2.49348	1.181753	-2.11	0.035	-4.811751	-.1752089
educ_voc	-2.609531	1.28729	-2.03	0.043	-5.134837	-.0842243
_cons	38.73839	7.454477	5.20	0.000	24.11477	53.36201

Resilience for the future

Source	SS	df	MS	Number of obs	=	1,401
				F(50, 1350)	=	33.43
Model	681793.314	50	13635.8663	Prob > F	=	0.0000
Residual	550613.817	1,350	407.862087	R-squared	=	0.5532
				Adj R-squared	=	0.5367
Total	1232407.13	1,400	880.290808	Root MSE	=	20.196

wb3s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-1.841374	2.063239	-0.89	0.372	-5.888878	2.206129
beh1s	-.0047841	.0433422	-0.11	0.912	-.0898096	.0802413
beh2s	.6430486	.0345396	18.62	0.000	.5752915	.7108058
beh3s	.0454621	.0364714	1.25	0.213	-.0260847	.117009
beh4s	-.0212209	.0978835	-0.22	0.828	-.2132412	.1707993
beh5s	-.1161422	.0391002	-2.97	0.003	-.192846	-.0394385
beh6s	.0384407	.0189814	2.03	0.043	.0012045	.075677
beh7s	-.0667242	.0235262	-2.84	0.005	-.1128761	-.0205723
beh8s	-.0844902	.0295922	-2.86	0.004	-.142542	-.0264384
kn1s	.0154165	.0424392	0.36	0.716	-.0678374	.0986705
kn2s	.0374352	.029463	1.27	0.204	-.020363	.0952333
kn3s	-.0037764	.0313065	-0.12	0.904	-.065191	.0576382
kn4s	.2113399	.0421747	5.01	0.000	.1286048	.2940751
kn5s	-.0373169	.0346059	-1.08	0.281	-.1052041	.0305703
tos	.0576566	.0327424	1.76	0.078	-.0065748	.121888
imps	-.0400919	.0325883	-1.23	0.219	-.1040211	.0238373
socs	.0379001	.0310719	1.22	0.223	-.0230544	.0988546
selfs	-.064618	.0398301	-1.62	0.105	-.1427537	.0135177
aos	.0601525	.0322291	1.87	0.062	-.0030719	.123377
locs	.0975023	.0449517	2.17	0.030	.0093195	.1856851
att2s	.0595543	.0283723	2.10	0.036	.0038956	.1152129
att1s	.026607	.0509354	0.52	0.601	-.073314	.1265281
e6	1.808379	1.378932	1.31	0.190	-.8967034	4.513462
e7	1.950086	1.277806	1.53	0.127	-.5566148	4.456786
income_2	.0000827	.0000299	2.77	0.006	.0000241	.0001413
inc_drop	-1.240774	1.944884	-0.64	0.524	-5.056098	2.57455
inc_inc	3.744208	2.157361	1.74	0.083	-.4879374	7.976353
exp_inc	-4.669525	1.552475	-3.01	0.003	-7.71505	-1.623999
e5	1.244684	1.213094	1.03	0.305	-1.135069	3.624438
wrkfulltime	-6.762648	1.952276	-3.46	0.001	-10.59247	-2.932824
wrkparttime	-8.23237	2.294924	-3.59	0.000	-12.73438	-3.730366
wrkselfemp	-7.939143	3.247387	-2.44	0.015	-14.30962	-1.56867
wrkunempl	-12.27955	3.024546	-4.06	0.000	-18.21287	-6.346229
wrkdisabled	-7.224729	3.689974	-1.96	0.050	-14.46343	.0139767
wrkother	-7.130581	2.155547	-3.31	0.001	-11.35917	-2.901996
leinster	.5595155	1.66436	0.34	0.737	-2.705498	3.824529
munster	1.717835	1.721826	1.00	0.319	-1.659911	5.095581
ulster	.5435293	1.887178	0.29	0.773	-3.15859	4.245649
renter	-8.997671	1.54075	-5.84	0.000	-12.0202	-5.975147
owner_m	-6.807963	1.696752	-4.01	0.000	-10.13652	-3.479405
age_u30	-6.532317	2.109095	-3.10	0.002	-10.66978	-2.394858
age_30_44	-2.487944	1.864679	-1.33	0.182	-6.145928	1.17004
age_45_59	-3.667996	1.848309	-1.98	0.047	-7.293865	-.0421268
gender	.6232221	1.210671	0.51	0.607	-1.751779	2.998223
single	-3.660018	1.68217	-2.18	0.030	-6.959969	-.3600665
divorced	-1.37231	1.90066	-0.72	0.470	-5.100877	2.356258
numchild	-.6145697	.5832138	-1.05	0.292	-1.758673	.5295341
educ_junior	-2.786028	1.876135	-1.48	0.138	-6.466485	.8944298
educ_leave	-2.988482	1.57672	-1.90	0.058	-6.081571	.1046061
educ_voc	-3.037146	1.717531	-1.77	0.077	-6.406465	.3321745
_cons	13.81835	9.945928	1.39	0.165	-5.692804	33.3295

General financial well-being

Source	SS	df	MS		
				Number of obs	= 1,401
				F(50, 1350)	= 53.04
Model	374326.764	50	7486.53528	Prob > F	= 0.0000
Residual	190540.42	1,350	141.141051	R-squared	= 0.6627
				Adj R-squared	= 0.6502
Total	564867.183	1,400	403.47656	Root MSE	= 11.88

owbs	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-1.802393	1.213723	-1.49	0.138	-4.183381	.5785946
beh1s	-.0136998	.0254965	-0.54	0.591	-.063717	.0363173
beh2s	.3782354	.0203183	18.62	0.000	.3383766	.4180943
beh3s	.2069545	.0214547	9.65	0.000	.1648663	.2490427
beh4s	.0201963	.057581	0.35	0.726	-.0927617	.1331543
beh5s	-.0459738	.0230011	-2.00	0.046	-.0910956	-.0008519
beh6s	.0041197	.011166	0.37	0.712	-.017785	.0260243
beh7s	-.0431013	.0138396	-3.11	0.002	-.0702506	-.0159519
beh8s	-.0248045	.017408	-1.42	0.154	-.0589541	.0093451
kn1s	.0507834	.0249653	2.03	0.042	.0018084	.0997585
kn2s	-.0051539	.0173319	-0.30	0.766	-.0391543	.0288465
kn3s	-.0052287	.0184164	-0.28	0.777	-.0413565	.0308991
kn4s	.1270485	.0248098	5.12	0.000	.0783787	.1757184
kn5s	-.0404532	.0203573	-1.99	0.047	-.0803886	-.0005178
tos	.0088394	.019261	0.46	0.646	-.0289454	.0466243
imps	-.0316302	.0191704	-1.65	0.099	-.0692372	.0059769
socs	.0632525	.0182784	3.46	0.001	.0273953	.0991096
selfs	-.0093393	.0234305	-0.40	0.690	-.0553035	.0366249
aos	.0057042	.0189591	0.30	0.764	-.0314883	.0428967
locs	.0833883	.0264433	3.15	0.002	.0315139	.1352628
att2s	.1067043	.0166903	6.39	0.000	.0739625	.1394461
att1s	-.0610315	.0299633	-2.04	0.042	-.1198112	-.0022518
e6	1.804861	.8111719	2.23	0.026	.2135664	3.396155
e7	1.38878	.7516831	1.85	0.065	-.085814	2.863374
income_2	.0000868	.0000176	4.94	0.000	.0000523	.0001213
inc_drop	-4.06801	1.1441	-3.56	0.000	-6.312416	-1.823604
inc_inc	3.462173	1.269091	2.73	0.006	.9725675	5.951779
exp_inc	-5.149462	.9132603	-5.64	0.000	-6.941025	-3.357898
e5	1.858721	.7136156	2.60	0.009	.4588052	3.258637
wrkfulltime	-3.842229	1.148448	-3.35	0.001	-6.095165	-1.589293
wrkparttime	-5.802364	1.350014	-4.30	0.000	-8.450717	-3.15401
wrkselfemp	-6.129204	1.910311	-3.21	0.001	-9.876704	-2.381703
wrkunempl	-10.80011	1.779222	-6.07	0.000	-14.29045	-7.309773
wrkdisabled	-9.540341	2.170667	-4.40	0.000	-13.79859	-5.282094
wrkother	-4.449586	1.268024	-3.51	0.000	-6.937098	-1.962075
leinster	2.012104	.9790782	2.06	0.040	.0914236	3.932783
munster	.2092276	1.012883	0.21	0.836	-1.777768	2.196224
ulster	-2.265343	1.110153	-2.04	0.041	-4.443155	-.0875308
renter	-4.667913	.9063631	-5.15	0.000	-6.445946	-2.88988
owner_m	-3.558824	.998133	-3.57	0.000	-5.516884	-1.600764
age_u30	-4.267516	1.240698	-3.44	0.001	-6.701422	-1.833611
age_30_44	-1.62137	1.096918	-1.48	0.140	-3.773219	.530479
age_45_59	-1.25297	1.087288	-1.15	0.249	-3.385927	.8799869
gender	-.1030319	.7121905	-0.14	0.885	-1.500152	1.294088
single	-1.651294	.9895549	-1.67	0.095	-3.592526	.2899383
divorced	-2.506428	1.118084	-2.24	0.025	-4.699798	-.3130572
numchild	-.9264179	.3430819	-2.70	0.007	-1.599449	-.2533864
educ_junior	-5.475235	1.103657	-4.96	0.000	-7.640304	-3.310165
educ_leave	-2.26995	.9275231	-2.45	0.015	-4.089493	-.450407
educ_voc	-2.252987	1.010356	-2.23	0.026	-4.235026	-.2709477
_cons	20.94008	5.850801	3.58	0.000	9.462429	32.41773

Resilience in retirement (The retired)

Source	SS	df	MS		
				Number of obs	= 366
				F(56, 309)	= 6.85
Model	139331.394	56	2488.0606	Prob > F	= 0.0000
Residual	112290.943	309	363.401111	R-squared	= 0.5537
				Adj R-squared	= 0.4729
Total	251622.337	365	689.376266	Root MSE	= 19.063

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-1.295321	4.163709	-0.31	0.756	-9.48813	6.897488
beh1s	.0834173	.0887756	0.94	0.348	-.0912639	.2580985
beh2s	.2890074	.0677763	4.26	0.000	.1556459	.4223689
beh3s	-.1478955	.0846009	-1.75	0.081	-.3143623	.0185712
beh4s	.1205962	.2080648	0.58	0.563	-.2888068	.5299993
beh5s	-.0324014	.0729605	-0.44	0.657	-.1759636	.1111608
beh6s	.0154856	.0379777	0.41	0.684	-.0592421	.0902132
beh7s	-.0675039	.0443066	-1.52	0.129	-.1546846	.0196769
beh8s	-.0196684	.0550145	-0.36	0.721	-.1279188	.0885819
kn1s	.0978033	.0860177	1.14	0.256	-.0714511	.2670578
kn2s	.0486618	.052326	0.93	0.353	-.0542985	.1516222
kn3s	-.0595478	.059681	-1.00	0.319	-.1769803	.0578848
kn4s	.0391539	.0905912	0.43	0.666	-.1390998	.2174077
kn5s	.1127616	.0683976	1.65	0.100	-.0218224	.2473456
tos	.0209336	.0645306	0.32	0.746	-.1060415	.1479087
imps	-.1064817	.0651625	-1.63	0.103	-.2347	.0217366
socs	.0630121	.059146	1.07	0.288	-.0533679	.179392
selfs	.0275829	.0823344	0.34	0.738	-.1344241	.1895899
aos	.0766461	.0625639	1.23	0.221	-.046459	.1997512
locs	.0650927	.0884967	0.74	0.463	-.1090397	.2392252
att2s	-.0034891	.0564277	-0.06	0.951	-.1145203	.107542
att1s	-.1433265	.1038472	-1.38	0.169	-.3476635	.0610105
e6	-5.740972	2.672956	-2.15	0.033	-11.00047	-.4814737
e7	2.422912	2.684966	0.90	0.368	-2.860217	7.706041
scheme	4.80618	4.709939	1.02	0.308	-4.46143	14.07379
enrolled	-1.616161	4.931347	-0.33	0.743	-11.31943	8.087107
c34_40_investment	1.896455	3.338926	0.57	0.570	-4.673453	8.466363
c34_40_property	14.34566	3.838265	3.74	0.000	6.793218	21.8981
c34_40_business	7.56047	5.720631	1.32	0.187	-3.69585	18.81679
c34_40_pension	13.24952	2.899468	4.57	0.000	7.544324	18.95472
income_2	5.45e-06	.0000636	0.09	0.932	-.0001196	.0001305
inc_drop	-3.439894	4.111181	-0.84	0.403	-11.52935	4.649558
inc_inc	10.89196	5.377556	2.03	0.044	.3107046	21.47322
exp_inc	-5.943434	3.233307	-1.84	0.067	-12.30552	.4186512
e5	1.975005	2.361531	0.84	0.404	-2.67171	6.621721
wrkfulltime	-11.05873	4.742947	-2.33	0.020	-20.39128	-1.726166
wrkparttime	-8.868651	6.57963	-1.35	0.179	-21.8152	4.077895
wrkselfemp	2.961268	8.764068	0.34	0.736	-14.28353	20.20607
wrkunempl	-1.897045	9.167924	-0.21	0.836	-19.9365	16.14241
wrkdisabled	-11.57817	5.791739	-2.00	0.046	-22.97441	-.1819372
wrkother	-9.925338	3.646958	-2.72	0.007	-17.10135	-2.749325
leinster	.9653693	3.576786	0.27	0.787	-6.072569	8.003307
munster	.7048434	3.488714	0.20	0.840	-6.159798	7.569484
ulster	.1187017	4.11938	0.03	0.977	-7.986882	8.224286
renter	-.4596625	3.270692	-0.14	0.888	-6.895308	5.975983
owner_m	-20.59728	5.48361	-3.76	0.000	-31.38722	-9.807346
age_u30	4.029838	5.820344	0.69	0.489	-7.422683	15.48236
age_30_44	-.487538	5.73885	-0.08	0.932	-11.77971	10.80463
age_45_59	4.071946	6.01466	0.68	0.499	-7.762927	15.90682
gender	2.158119	2.372064	0.91	0.364	-2.509322	6.825559
single	-6.677739	3.782442	-1.77	0.078	-14.12034	.7648616
divorced	-5.290075	2.809985	-1.88	0.061	-10.8192	.2390502
numchild	-3.543578	2.691407	-1.32	0.189	-8.839381	1.752225
educ_junior	-11.64076	3.334952	-3.49	0.001	-18.20285	-5.078669
educ_leave	-3.154202	3.44275	-0.92	0.360	-9.928401	3.619998
educ_voc	1.120342	3.72304	0.30	0.764	-6.205376	8.44606
_cons	22.53969	22.13866	1.02	0.309	-21.0219	66.10128

Resilience for retirement (the not retired)

Source	SS	df	MS		
Model	390753.224	56	6977.73614	Number of obs	= 1,035
Residual	401971.839	978	411.01415	F(56, 978)	= 16.98
				Prob > F	= 0.0000
Total	792725.063	1,034	766.658668	R-squared	= 0.4929
				Adj R-squared	= 0.4639
				Root MSE	= 20.273

wb4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-3.989305	2.429873	-1.64	0.101	-8.75767	.7790604
beh1s	-.0310973	.050613	-0.61	0.539	-.1304199	.0682253
beh2s	.2373565	.0408875	5.81	0.000	.1571193	.3175938
beh3s	.0703955	.0414734	1.70	0.090	-.0109917	.1517827
beh4s	.1099071	.1128266	0.97	0.330	-.1115029	.3313171
beh5s	.0002624	.0479427	0.01	0.996	-.0938199	.0943447
beh6s	-.0397827	.0224678	-1.77	0.077	-.0838733	.0043079
beh7s	-.0437868	.0279612	-1.57	0.118	-.0986577	.0110841
beh8s	-.1282905	.0362063	-3.54	0.000	-.1993415	-.0572394
kn1s	.0047295	.0502026	0.09	0.925	-.0937877	.1032466
kn2s	.0515453	.0370659	1.39	0.165	-.0211925	.1242831
kn3s	-.0241409	.0375239	-0.64	0.520	-.0977774	.0494957
kn4s	.0699378	.050929	1.37	0.170	-.0300049	.1698804
kn5s	-.0269132	.0413157	-0.65	0.515	-.1079909	.0541645
tos	.0585981	.039033	1.50	0.134	-.0180001	.1351963
imps	-.1447475	.0383168	-3.78	0.000	-.21994	-.0695549
socs	.0603431	.0373037	1.62	0.106	-.0128614	.1335476
selfs	.0767151	.0462909	1.66	0.098	-.0141259	.167556
aos	.1038484	.0386345	2.69	0.007	.0280323	.1796645
locs	.0976188	.0533249	1.83	0.067	-.0070255	.2022631
att2s	.068589	.0336015	2.04	0.041	.0026497	.1345284
att1s	-.1573823	.059955	-2.63	0.009	-.2750375	-.039727
e6	.1839134	1.64163	0.11	0.911	-3.037609	3.405435
e7	1.101362	1.492952	0.74	0.461	-1.828397	4.031121
c32	-.202413	2.350317	-0.09	0.931	-4.814658	4.409832
c33	2.35863	2.635405	0.89	0.371	-2.81307	7.53033
c27_pension	14.7676	1.847987	7.99	0.000	11.14113	18.39408
c27_investment	8.496954	2.445105	3.48	0.001	3.698697	13.29521
c27_property	9.81147	2.390908	4.10	0.000	5.119569	14.50337
c27_business	13.02173	3.368927	3.87	0.000	6.410569	19.63288
income_2	.0000947	.0000349	2.71	0.007	.0000262	.0001632
inc_drop	-5.547612	2.238277	-2.48	0.013	-9.939991	-1.155233
inc_inc	5.9297	2.406786	2.46	0.014	1.206641	10.65276
exp_inc	-4.755616	1.801407	-2.64	0.008	-8.290683	-1.220548
e5	1.016773	1.437818	0.71	0.480	-1.80479	3.838335
wrkfulltime	-2.836367	4.71879	-0.60	0.548	-12.09649	6.423753
wrkparttime	-5.119394	4.929334	-1.04	0.299	-14.79268	4.553895
wrkselfemp	-2.654907	5.557014	-0.48	0.633	-13.55995	8.250136
wrkunempl	-.3985055	5.390613	-0.07	0.941	-10.977	10.17999
wrkdisabled	-8.333314	6.434095	-1.30	0.196	-20.95953	4.292907
wrkother	-3.836021	4.97707	-0.77	0.441	-13.60299	5.930945
leinster	-5.088607	1.974235	-2.58	0.010	-8.96283	-1.214383
munster	-6.623297	2.058817	-3.22	0.001	-10.6635	-2.58309
ulster	-8.185842	2.204888	-3.71	0.000	-12.5127	-3.858986
renter	-2.078935	1.818146	-1.14	0.253	-5.64685	1.488981
owner_m	-1.345785	1.888376	-0.71	0.476	-5.051519	2.35995
age_u30	-3.750343	2.338249	-1.60	0.109	-8.338905	.8382197
age_30_44	-2.501581	2.065725	-1.21	0.226	-6.555344	1.552182
age_45_59	-.111322	2.025982	-0.05	0.956	-4.087095	3.864451
gender	-.0619096	1.449126	-0.04	0.966	-2.905663	2.781844
single	1.365514	1.928853	0.71	0.479	-2.419653	5.150681
divorced	-6.153514	2.81538	-2.19	0.029	-11.67839	-.6286324
numchild	-.0354215	.6133262	-0.06	0.954	-1.239008	1.168165
educ_junior	-7.402763	2.367435	-3.13	0.002	-12.0486	-2.756925
educ_leave	-6.201085	1.827581	-3.39	0.001	-9.787515	-2.614654
educ_voc	-5.369186	1.997068	-2.69	0.007	-9.288218	-1.450155
_cons	21.30283	12.11086	1.76	0.079	-2.463434	45.0691

Appendix 5: The behaviours. Parsimonious models (weighted results)

Spending restraint

Source	SS	df	MS		
				Number of obs	= 1,401
				F(34, 1366)	= 34.33
Model	204987.809	34	6029.05321	Prob > F	= 0.0000
Residual	239892.637	1,366	175.616865	R-squared	= 0.4608
				Adj R-squared	= 0.4473
Total	444880.446	1,400	317.771747	Root MSE	= 13.252

beh1s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	1.771737	1.240239	1.43	0.153	-.6612419	4.204716
kn1s	.1518774	.0240165	6.32	0.000	.1047643	.1989905
imps	.1252651	.0199526	6.28	0.000	.086124	.1644061
socs	-.0566547	.019512	-2.90	0.004	-.0949314	-.018378
selfs	.1054415	.0255679	4.12	0.000	.0552849	.1555981
aos	.0447462	.0206696	2.16	0.031	.0041986	.0852938
locs	.0609444	.0282289	2.16	0.031	.0055677	.1163212
att1s	.4231525	.0302998	13.97	0.000	.3637133	.4825917
income_2	.0000133	.0000185	0.72	0.474	-.0000231	.0000496
inc_drop	-1.155819	1.261921	-0.92	0.360	-3.631333	1.319695
inc_inc	1.287465	1.400912	0.92	0.358	-1.460706	4.035637
exp_inc	-1.708465	.9918242	-1.72	0.085	-3.654129	.2371986
e5	1.71143	.7729293	2.21	0.027	.1951732	3.227687
wrkfulltime	.945812	1.262511	0.75	0.454	-1.530859	3.422484
wrkparttime	-1.382489	1.48588	-0.93	0.352	-4.297342	1.532364
wrkselfemp	-.1508868	2.09666	-0.07	0.943	-4.26391	3.962136
wrkunempl	.9489974	1.946073	0.49	0.626	-2.868618	4.766613
wrkdisabled	.3626951	2.401321	0.15	0.880	-4.347982	5.073373
wrkother	1.737271	1.400186	1.24	0.215	-1.009476	4.484019
leinster	1.986885	1.023212	1.94	0.052	-.020353	3.994123
munster	-1.727982	1.082303	-1.60	0.111	-3.851138	.3951735
ulster	-.0699168	1.179666	-0.06	0.953	-2.38407	2.244237
renter	-.6727542	.991089	-0.68	0.497	-2.616976	1.271467
owner_m	-1.523163	1.087963	-1.40	0.162	-3.657422	.6110959
age_u30	-3.215904	1.357947	-2.37	0.018	-5.879791	-.5520173
age_30_44	-1.253467	1.21094	-1.04	0.301	-3.628971	1.122036
age_45_59	-.3438724	1.20214	-0.29	0.775	-2.702112	2.014367
gender	-.5060264	.780088	-0.65	0.517	-2.036327	1.024274
single	-.2495643	1.086123	-0.23	0.818	-2.380213	1.881085
divorced	.9152595	1.232715	0.74	0.458	-1.502959	3.333478
numchild	.1334922	.3799182	0.35	0.725	-.611794	.8787785
educ_junior	2.711885	1.186169	2.29	0.022	.3849753	5.038796
educ_leave	1.366338	1.017416	1.34	0.180	-.6295295	3.362206
educ_voc	2.525596	1.115169	2.26	0.024	.3379671	4.713224
_cons	17.92771	3.071714	5.84	0.000	11.90193	23.9535

Active saving

Source	SS	df	MS	Number of obs	=	1,401
				F(40, 1360)	=	33.63
Model	342628.119	40	8565.70298	Prob > F	=	0.0000
Residual	346397.711	1,360	254.704199	R-squared	=	0.4973
				Adj R-squared	=	0.4825
Total	689025.83	1,400	492.161307	Root MSE	=	15.959

beh2s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	3.220105	1.621824	1.99	0.047	.0385579	6.401653
beh1s	.2846983	.0324012	8.79	0.000	.2211365	.34826
beh5s	.1117535	.0289907	3.85	0.000	.0548821	.1686248
kn1s	.044208	.031217	1.42	0.157	-.0170307	.1054468
kn3s	-.0489691	.0241804	-2.03	0.043	-.0964041	-.0015341
kn4s	.0960858	.0302708	3.17	0.002	.0367033	.1554684
kn5s	-.000645	.0269374	-0.02	0.981	-.0534883	.0521984
tos	.0960738	.0252357	3.81	0.000	.0465686	.145579
imps	-.0100988	.0245591	-0.41	0.681	-.0582768	.0380791
socs	-.1055586	.0239602	-4.41	0.000	-.1525615	-.0585556
locs	.2515304	.0329491	7.63	0.000	.1868938	.316167
att1s	.1293447	.0393436	3.29	0.001	.052164	.2065255
e6	2.786263	1.079384	2.58	0.010	.6688253	4.9037
e7	2.483026	1.002881	2.48	0.013	.5156645	4.450387
income_2	.0000621	.0000231	2.68	0.007	.0000167	.0001075
inc_drop	-3.456516	1.522777	-2.27	0.023	-6.443761	-.4692699
inc_inc	3.54983	1.694676	2.09	0.036	.2253683	6.874292
exp_inc	-4.000679	1.197822	-3.34	0.001	-6.350457	-1.650901
e5	.5516961	.9566639	0.58	0.564	-1.325001	2.428393
wrkfulltime	-.4291118	1.52605	-0.28	0.779	-3.42278	2.564556
wrkparttime	-1.802939	1.801478	-1.00	0.317	-5.336916	1.731038
wrkselfemp	-2.033752	2.527303	-0.80	0.421	-6.991588	2.924083
wrkunempl	-11.02656	2.355413	-4.68	0.000	-15.64719	-6.40592
wrkdisabled	-4.523595	2.908143	-1.56	0.120	-10.22853	1.181338
wrkother	-2.568838	1.69548	-1.52	0.130	-5.894877	.7572017
leinster	-2.732748	1.245427	-2.19	0.028	-5.175914	-.289582
munster	-1.925694	1.312593	-1.47	0.143	-4.500621	.6492321
ulster	3.249726	1.444617	2.25	0.025	.4158068	6.083646
renter	-.4124895	1.206998	-0.34	0.733	-2.78027	1.955291
owner_m	-2.476443	1.329763	-1.86	0.063	-5.085052	.1321661
age_u30	.3411474	1.647146	0.21	0.836	-2.890075	3.57237
age_30_44	.0599723	1.464471	0.04	0.967	-2.812895	2.932839
age_45_59	-.2391874	1.453624	-0.16	0.869	-3.090777	2.612402
gender	3.855427	.9444188	4.08	0.000	2.002751	5.708103
single	-3.977831	1.318317	-3.02	0.003	-6.563986	-1.391676
divorced	-.2136952	1.494847	-0.14	0.886	-3.14615	2.71876
numchild	-.7284005	.4587064	-1.59	0.113	-1.628249	.1714483
educ_junior	-3.72136	1.450281	-2.57	0.010	-6.566391	-.8763297
educ_leave	-.9790442	1.231871	-0.79	0.427	-3.395618	1.43753
educ_voc	-2.200338	1.3471	-1.63	0.103	-4.842958	.4422818
_cons	8.370532	4.080174	2.05	0.040	.3664157	16.37465

Not borrowing for daily expenses

Source	SS	df	MS	Number of obs	=	1,401
				F(40, 1360)	=	12.75
Model	125420.597	40	3135.51493	Prob > F	=	0.0000
Residual	334584.106	1,360	246.017725	R-squared	=	0.2727
				Adj R-squared	=	0.2513
Total	460004.703	1,400	328.574788	Root MSE	=	15.685

beh3s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	1.083759	1.593928	0.68	0.497	-2.043066	4.210583
beh1s	.1551474	.0318439	4.87	0.000	.092679	.2176159
beh5s	-.0124411	.0284921	-0.44	0.662	-.0683342	.0434521
kn1s	-.0097896	.0306801	-0.32	0.750	-.069975	.0503959
kn3s	.058023	.0237645	2.44	0.015	.0114039	.1046421
kn4s	.0065499	.0297501	0.22	0.826	-.0518113	.064911
kn5s	.0533452	.0264741	2.01	0.044	.0014107	.1052797
tos	.0024839	.0248017	0.10	0.920	-.0461698	.0511376
imps	.0544235	.0241367	2.25	0.024	.0070742	.1017728
socs	.0372222	.0235481	1.58	0.114	-.0089723	.0834167
locs	.1161712	.0323824	3.59	0.000	.0526463	.1796961
att1s	.1528781	.0386669	3.95	0.000	.0770249	.2287314
e6	.2633501	1.060818	0.25	0.804	-1.817667	2.344368
e7	.4972078	.9856314	0.50	0.614	-1.436315	2.430731
income_2	-5.80e-06	.0000227	-0.25	0.799	-.0000504	.0000388
inc_drop	-6.227397	1.496585	-4.16	0.000	-9.163262	-3.291532
inc_inc	-1.771864	1.665527	-1.06	0.288	-5.039145	1.495417
exp_inc	-3.765784	1.177219	-3.20	0.001	-6.075146	-1.456422
e5	.2870371	.9402093	0.31	0.760	-1.557381	2.131455
wrkfulltime	-3.605443	1.499802	-2.40	0.016	-6.54762	-.6632667
wrkparttime	-2.085847	1.770492	-1.18	0.239	-5.559039	1.387346
wrkselfemp	-6.393747	2.483833	-2.57	0.010	-11.26631	-1.521186
wrkunempl	-2.509582	2.3149	-1.08	0.279	-7.050743	2.03158
wrkdisabled	1.282966	2.858123	0.45	0.654	-4.323842	6.889773
wrkother	-.7011886	1.666318	-0.42	0.674	-3.97002	2.567643
leinster	5.863984	1.224005	4.79	0.000	3.462841	8.265128
munster	5.70975	1.290016	4.43	0.000	3.179112	8.240388
ulster	5.717333	1.41977	4.03	0.000	2.932157	8.502509
renter	-4.397294	1.186238	-3.71	0.000	-6.724348	-2.07024
owner_m	-1.681348	1.306891	-1.29	0.198	-4.245089	.8823929
age_u30	4.693084	1.618815	2.90	0.004	1.517439	7.86873
age_30_44	.6153357	1.439282	0.43	0.669	-2.208118	3.438789
age_45_59	-.513092	1.428622	-0.36	0.720	-3.315634	2.28945
gender	.5313986	.9281748	0.57	0.567	-1.289411	2.352208
single	-2.90369	1.295642	-2.24	0.025	-5.445363	-.3620166
divorced	-2.246512	1.469135	-1.53	0.126	-5.128529	.6355049
numchild	-.6009186	.4508166	-1.33	0.183	-1.48529	.2834528
educ_junior	-.5162281	1.425336	-0.36	0.717	-3.312324	2.279868
educ_leave	.7710086	1.210683	0.64	0.524	-1.604	3.146017
educ_voc	-2.009087	1.32393	-1.52	0.129	-4.606254	.5880798
_cons	47.7632	4.009995	11.91	0.000	39.89676	55.62965

Restrained consumer borrowing

Source	SS	df	MS	Number of obs	=	1,401
				F(40, 1360)	=	9.08
Model	12314.4024	40	307.86006	Prob > F	=	0.0000
Residual	46136.0997	1,360	33.9236027	R-squared	=	0.2107
				Adj R-squared	=	0.1875
Total	58450.5021	1,400	41.7503586	Root MSE	=	5.8244

beh4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-.5530628	.5918839	-0.93	0.350	-1.714167	.6080418
beh1s	.0485085	.0118248	4.10	0.000	.0253117	.0717054
beh5s	.0013747	.0105801	0.13	0.897	-.0193805	.0221299
kn1s	-.0371053	.0113926	-3.26	0.001	-.0594543	-.0147562
kn3s	.0412612	.0088246	4.68	0.000	.0239498	.0585726
kn4s	-.03588	.0110473	-3.25	0.001	-.0575517	-.0142084
kn5s	.0467504	.0098308	4.76	0.000	.0274652	.0660356
tos	-.0096665	.0092098	-1.05	0.294	-.0277334	.0084004
imps	-.0127602	.0089629	-1.42	0.155	-.0303427	.0048223
socs	.0255579	.0087443	2.92	0.004	.0084041	.0427116
locs	.0163688	.0120248	1.36	0.174	-.0072203	.0399579
att1s	.0251528	.0143584	1.75	0.080	-.0030143	.0533199
e6	.6447956	.3939207	1.64	0.102	-.1279625	1.417554
e7	.0138639	.366001	0.04	0.970	-.704124	.7318517
income_2	-3.36e-06	8.45e-06	-0.40	0.691	-.0000199	.0000132
inc_drop	-.3983515	.5557367	-0.72	0.474	-1.488546	.6918427
inc_inc	-1.256202	.6184712	-2.03	0.042	-2.469463	-.042941
exp_inc	-1.625456	.4371445	-3.72	0.000	-2.483007	-.7679053
e5	.2242689	.3491341	0.64	0.521	-.460631	.9091687
wrkfulltime	-1.725722	.5569315	-3.10	0.002	-2.81826	-.6331842
wrkparttime	-.7641438	.6574487	-1.16	0.245	-2.053867	.5255798
wrkselfemp	-4.748672	.9223383	-5.15	0.000	-6.558032	-2.939312
wrkunempl	.5275073	.859607	0.61	0.540	-1.158792	2.213807
wrkdisabled	-.4967234	1.061326	-0.47	0.640	-2.578736	1.58529
wrkother	-.5846379	.6187648	-0.94	0.345	-1.798475	.629199
leinster	-1.010424	.454518	-2.22	0.026	-1.902056	-.1187913
munster	-.3664716	.4790303	-0.77	0.444	-1.30619	.5732468
ulster	.9293662	.5272125	1.76	0.078	-.1048717	1.963604
renter	-.8202805	.4404935	-1.86	0.063	-1.684401	.04384
owner_m	-1.293164	.4852965	-2.66	0.008	-2.245175	-.3411529
age_u30	.5538844	.6011253	0.92	0.357	-.6253491	1.733118
age_30_44	-.7206303	.5344581	-1.35	0.178	-1.769082	.3278214
age_45_59	-.5278778	.5304997	-1.00	0.320	-1.568564	.5128086
gender	.0580729	.3446653	0.17	0.866	-.6180604	.7342062
single	-.0234539	.4811192	-0.05	0.961	-.9672702	.9203623
divorced	-.3143115	.5455437	-0.58	0.565	-1.38451	.7558869
numchild	.0158615	.1674047	0.09	0.925	-.312538	.344261
educ_junior	.9962657	.5292796	1.88	0.060	-.0420272	2.034559
educ_leave	.993164	.4495709	2.21	0.027	.1112363	1.875092
educ_voc	-1.138132	.4916238	-2.32	0.021	-2.102555	-.1737085
_cons	88.98546	1.489058	59.76	0.000	86.06436	91.90656

Informed decision-making

Source	SS	df	MS		
				Number of obs	= 1,401
				F(34, 1366)	= 34.74
Model	238828.01	34	7024.35324	Prob > F	= 0.0000
Residual	276213.55	1,366	202.206113	R-squared	= 0.4637
				Adj R-squared	= 0.4504
Total	515041.56	1,400	367.886829	Root MSE	= 14.22

beh5s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	2.21978	1.335964	1.66	0.097	-.4009822	4.840543
kn1s	.190708	.027705	6.88	0.000	.1363591	.2450569
kn2s	.238481	.0188651	12.64	0.000	.2014734	.2754887
kn4s	.1457392	.0264297	5.51	0.000	.0938919	.1975864
imps	.097831	.0185739	5.27	0.000	.0613945	.1342674
socs	-.1264669	.0208992	-6.05	0.000	-.167465	-.0854689
locs	.1678126	.0285082	5.89	0.000	.111888	.2237371
e6	2.11276	.8756856	2.41	0.016	.3949256	3.830594
income_2	.0000151	.0000206	0.73	0.464	-.0000253	.0000555
inc_drop	.7408908	1.353412	0.55	0.584	-1.9141	3.395882
inc_inc	1.297723	1.502941	0.86	0.388	-1.6506	4.246046
exp_inc	-.7460393	1.061424	-0.70	0.482	-2.828238	1.336159
e5	-.7719683	.8481401	-0.91	0.363	-2.435767	.89183
wrkfulltime	1.18055	1.363029	0.87	0.387	-1.493306	3.854406
wrkparttime	2.973772	1.602357	1.86	0.064	-.1695746	6.117119
wrkselfemp	1.116187	2.24434	0.50	0.619	-3.28654	5.518913
wrkunempl	.8089215	2.08719	0.39	0.698	-3.285523	4.903366
wrkdisabled	2.394977	2.572322	0.93	0.352	-2.651153	7.441108
wrkother	.8474636	1.505917	0.56	0.574	-2.106696	3.801623
leinster	2.80404	1.103353	2.54	0.011	.6395914	4.968489
munster	4.38164	1.140267	3.84	0.000	2.144776	6.618504
ulster	6.774364	1.267555	5.34	0.000	4.287798	9.260929
renter	-.1645449	1.066947	-0.15	0.877	-2.257578	1.928488
owner_m	.2092	1.177248	0.18	0.859	-2.100209	2.518609
age_u30	-3.298344	1.46207	-2.26	0.024	-6.16649	-.4301976
age_30_44	-2.690492	1.303337	-2.06	0.039	-5.247252	-.1337324
age_45_59	-2.03946	1.293811	-1.58	0.115	-4.577532	.4986121
gender	3.273137	.8348212	3.92	0.000	1.635467	4.910808
single	.5895438	1.16407	0.51	0.613	-1.694015	2.873103
divorced	.6043261	1.323267	0.46	0.648	-1.99153	3.200182
numchild	-.5535148	.4075751	-1.36	0.175	-1.353056	.2460262
educ_junior	1.174256	1.29154	0.91	0.363	-1.359361	3.707874
educ_leave	.8878401	1.093933	0.81	0.417	-1.25813	3.03381
educ_voc	-.5475928	1.194846	-0.46	0.647	-2.891526	1.79634
_cons	14.15726	3.232491	4.38	0.000	7.81608	20.49845

Appendix 6: The behaviours. Explorative models (weighted results)

Spending restraint

Source	SS	df	MS		
Model	207047.177	42	4929.69469	Number of obs	= 1,401
				F(42, 1358)	= 28.15
Residual	237833.269	1,358	175.134955	Prob > F	= 0.0000
				R-squared	= 0.4654
				Adj R-squared	= 0.4489
Total	444880.446	1,400	317.771747	Root MSE	= 13.234

beh1s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	1.527389	1.345187	1.14	0.256	-1.111482	4.16626
kn1s	.1375903	.0266409	5.16	0.000	.0853285	.1898522
kn2s	.013062	.018223	0.72	0.474	-.0226863	.0488102
kn3s	.0048181	.0200862	0.24	0.810	-.0345853	.0442215
kn4s	.0242994	.024979	0.97	0.331	-.0247022	.073301
kn5s	.0413166	.0224293	1.84	0.066	-.0026832	.0853165
tos	.0234934	.0212473	1.11	0.269	-.0181877	.0651745
imps	.117473	.0209153	5.62	0.000	.0764432	.1585029
socs	-.0478486	.0198713	-2.41	0.016	-.0868305	-.0088667
selfs	.1059232	.0257521	4.11	0.000	.055405	.1564414
aos	.044309	.020936	2.12	0.034	.0032387	.0853794
locs	.0554085	.0285296	1.94	0.052	-.0005585	.1113754
att2s	-.0286305	.018513	-1.55	0.122	-.0649476	.0076866
att1s	.4179024	.0309197	13.52	0.000	.3572468	.4785579
e6	1.368174	.8930856	1.53	0.126	-.3838033	3.120151
e7	-.2149994	.8323728	-0.26	0.796	-1.847875	1.417877
income_2	9.68e-06	.0000194	0.50	0.617	-.0000283	.0000477
inc_drop	-1.194486	1.263155	-0.95	0.345	-3.672432	1.283461
inc_inc	1.0161	1.408029	0.72	0.471	-1.746048	3.778247
exp_inc	-1.98029	1.002515	-1.98	0.048	-3.946936	-.0136437
e5	1.360262	.7932199	1.71	0.087	-.195807	2.916332
wrkfulltime	.8229626	1.271413	0.65	0.518	-1.671184	3.317109
wrkparttime	-1.382798	1.496985	-0.92	0.356	-4.319453	1.553857
wrkselfemp	-.4373647	2.102789	-0.21	0.835	-4.562432	3.687702
wrkunempl	.7548043	1.960836	0.38	0.700	-3.091791	4.6014
wrkdisabled	.6653536	2.411334	0.28	0.783	-4.064991	5.395698
wrkother	1.727598	1.407095	1.23	0.220	-1.032717	4.487913
leinster	2.380479	1.063101	2.24	0.025	.2949811	4.465977
munster	-1.725965	1.108551	-1.56	0.120	-3.900624	.4486932
ulster	.0705205	1.208666	0.06	0.953	-2.300535	2.441576
renter	-.4186166	1.002378	-0.42	0.676	-2.384995	1.547761
owner_m	-1.606439	1.103616	-1.46	0.146	-3.771416	.5585368
age_u30	-3.353708	1.365631	-2.46	0.014	-6.032683	-.6747333
age_30_44	-1.430019	1.21528	-1.18	0.240	-3.814049	.954011
age_45_59	-.6233189	1.208126	-0.52	0.606	-2.993314	1.746677
gender	-.4211315	.7833053	-0.54	0.591	-1.957751	1.115488
single	-.0854622	1.094699	-0.08	0.938	-2.232948	2.062023
divorced	1.118266	1.241371	0.90	0.368	-1.316947	3.553479
numchild	.1377154	.3806335	0.36	0.718	-.6089781	.8844089
educ_junior	3.170141	1.210237	2.62	0.009	.7960039	5.544278
educ_leave	1.597775	1.026036	1.56	0.120	-.4150133	3.610564
educ_voc	2.575277	1.117798	2.30	0.021	.3824778	4.768075
_cons	14.7987	3.398546	4.35	0.000	8.131732	21.46567

Active saving

Source	SS	df	MS		
				Number of obs	= 1,401
				F(47, 1353)	= 28.69
Model	343943.4	47	7317.94469	Prob > F	= 0.0000
Residual	345082.43	1,353	255.049837	R-squared	= 0.4992
				Adj R-squared	= 0.4818
Total	689025.83	1,400	492.161307	Root MSE	= 15.97

beh2s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	3.196035	1.628344	1.96	0.050	.0016821	6.390388
beh1s	.2869875	.0330257	8.69	0.000	.2222005	.3517746
beh5s	.1067041	.030781	3.47	0.001	.0463205	.1670877
beh6s	-.0074351	.0150054	-0.50	0.620	-.0368715	.0220013
beh7s	-.0088493	.0185745	-0.48	0.634	-.0452873	.0275888
beh8s	.0067646	.0233723	0.29	0.772	-.0390854	.0526145
kn1s	.0412041	.0333861	1.23	0.217	-.0242901	.1066983
kn2s	.0087763	.0232743	0.38	0.706	-.0368814	.0544341
kn3s	-.0506887	.0244896	-2.07	0.039	-.0987303	-.0026471
kn4s	.1031617	.0331198	3.11	0.002	.0381899	.1681335
kn5s	-.0040602	.0271572	-0.15	0.881	-.0573351	.0492147
tos	.0976816	.0257306	3.80	0.000	.0472054	.1481577
imps	-.006664	.0256919	-0.26	0.795	-.0570644	.0437364
socs	-.0977986	.0243499	-4.02	0.000	-.1455661	-.050031
selfs	.0361856	.0314252	1.15	0.250	-.0254617	.0978329
aos	-.0422162	.0254266	-1.66	0.097	-.0920959	.0076636
locs	.2419463	.0348129	6.95	0.000	.1736532	.3102394
att2s	.0234081	.0223897	1.05	0.296	-.0205143	.0673305
att1s	.1284855	.0399113	3.22	0.001	.0501907	.2067802
e6	2.9263	1.086379	2.69	0.007	.7951306	5.05747
e7	2.438151	1.008232	2.42	0.016	.4602837	4.416018
income_2	.000057	.0000236	2.42	0.016	.0000108	.0001032
inc_drop	-3.428415	1.525996	-2.25	0.025	-6.42199	-.4348396
inc_inc	3.411453	1.700584	2.01	0.045	.0753852	6.747521
exp_inc	-3.784186	1.217315	-3.11	0.002	-6.172215	-1.396157
e5	.4720643	.9591061	0.49	0.623	-1.409432	2.353561
wrkfulltime	-.4541423	1.537049	-0.30	0.768	-3.469401	2.561116
wrkparttime	-1.85586	1.812717	-1.02	0.306	-5.4119	1.700181
wrkselfemp	-2.242811	2.540765	-0.88	0.378	-7.227078	2.741456
wrkunempl	-11.1656	2.371277	-4.71	0.000	-15.81738	-6.51382
wrkdisabled	-4.595528	2.914493	-1.58	0.115	-10.31294	1.121888
wrkother	-2.575702	1.702709	-1.51	0.131	-5.915938	.7645348
leinster	-2.69143	1.299039	-2.07	0.038	-5.23978	-.1430802
munster	-1.744548	1.35037	-1.29	0.197	-4.393594	.9044984
ulster	3.45035	1.482169	2.33	0.020	.5427507	6.357949
renter	-.5061135	1.21247	-0.42	0.676	-2.884638	1.872411
owner_m	-2.552156	1.336386	-1.91	0.056	-5.173769	.0694575
age_u30	.3551639	1.662305	0.21	0.831	-2.905811	3.616138
age_30_44	-.0003318	1.47314	-0.00	1.000	-2.890219	2.889555
age_45_59	-.2080617	1.461099	-0.14	0.887	-3.074327	2.658203
gender	3.741889	.9519212	3.93	0.000	1.874487	5.609291
single	-4.125417	1.323775	-3.12	0.002	-6.722291	-1.528543
divorced	-.1987393	1.501555	-0.13	0.895	-3.144368	2.746889
numchild	-.7039673	.4605408	-1.53	0.127	-1.607419	.1994842
educ_junior	-3.786516	1.477384	-2.56	0.010	-6.684729	-.8883031
educ_leave	-1.096245	1.243737	-0.88	0.378	-3.536108	1.343618
educ_voc	-2.27345	1.354433	-1.68	0.093	-4.930467	.3835669
_cons	7.814275	4.155817	1.88	0.060	-.3382694	15.96682

Not borrowing for daily expenses

Source	SS	df	MS	Number of obs	=	1,401
				F(47, 1353)	=	11.18
Model	128672.404	47	2737.71072	Prob > F	=	0.0000
Residual	331332.299	1,353	244.887139	R-squared	=	0.2797
				Adj R-squared	=	0.2547
Total	460004.703	1,400	328.574788	Root MSE	=	15.649

beh3s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	1.170903	1.595573	0.73	0.463	-1.959161	4.300968
beh1s	.1693865	.032361	5.23	0.000	.1059033	.2328697
beh5s	-.0025096	.0301615	-0.08	0.934	-.061678	.0566588
beh6s	.0105348	.0147034	0.72	0.474	-.0183091	.0393788
beh7s	-.0299363	.0182007	-1.64	0.100	-.065641	.0057684
beh8s	-.0297904	.022902	-1.30	0.194	-.0747177	.0151368
kn1s	-.0072717	.0327142	-0.22	0.824	-.0714478	.0569044
kn2s	-.0104054	.0228059	-0.46	0.648	-.0551442	.0343334
kn3s	.0622356	.0239967	2.59	0.010	.0151608	.1093103
kn4s	.0009095	.0324533	0.03	0.978	-.0627547	.0645738
kn5s	.0486365	.0266107	1.83	0.068	-.0035662	.1008391
tos	-.0068072	.0252127	-0.27	0.787	-.0562675	.0426531
imps	.056173	.0251749	2.23	0.026	.006787	.1055591
socs	.0268929	.0238598	1.13	0.260	-.0199133	.0736991
selfs	-.0599137	.0307927	-1.95	0.052	-.1203203	.0004929
aos	.0392464	.0249148	1.58	0.115	-.0096295	.0881222
locs	.1260187	.0341123	3.69	0.000	.0591001	.1929374
att2s	.0341829	.0219391	1.56	0.119	-.0088555	.0772213
att1s	.1561707	.0391081	3.99	0.000	.0794517	.2328898
e6	.2479308	1.064515	0.23	0.816	-1.840348	2.33621
e7	.4799174	.9879404	0.49	0.627	-1.458144	2.417979
income_2	-.0000114	.0000231	-0.49	0.622	-.0000567	.0000339
inc_drop	-6.294677	1.495285	-4.21	0.000	-9.228005	-3.361349
inc_inc	-1.523038	1.666359	-0.91	0.361	-4.791966	1.74589
exp_inc	-3.440016	1.192816	-2.88	0.004	-5.779985	-1.100047
e5	.278818	.9398036	0.30	0.767	-1.564812	2.122448
wrkfulltime	-3.376806	1.506115	-2.24	0.025	-6.331381	-.4222312
wrkparttime	-2.038325	1.776235	-1.15	0.251	-5.522798	1.446149
wrkselfemp	-6.442782	2.489631	-2.59	0.010	-11.32674	-1.558826
wrkunempl	-1.788252	2.323554	-0.77	0.442	-6.346411	2.769908
wrkdisabled	1.607989	2.855837	0.56	0.573	-3.994361	7.210339
wrkother	-.4401518	1.668441	-0.26	0.792	-3.713165	2.832861
leinster	5.596525	1.272896	4.40	0.000	3.099462	8.093588
munster	5.40525	1.323193	4.09	0.000	2.809517	8.000983
ulster	5.413293	1.45234	3.73	0.000	2.56421	8.262375
renter	-4.214278	1.188068	-3.55	0.000	-6.544934	-1.883623
owner_m	-1.70198	1.309491	-1.30	0.194	-4.270832	.8668725
age_u30	4.879609	1.62885	3.00	0.003	1.684263	8.074955
age_30_44	.7760933	1.443493	0.54	0.591	-2.055633	3.60782
age_45_59	-.3609185	1.431693	-0.25	0.801	-3.169498	2.447661
gender	.623365	.9327633	0.67	0.504	-1.206454	2.453184
single	-2.63403	1.297133	-2.03	0.042	-5.178641	-.0894198
divorced	-2.360196	1.471335	-1.60	0.109	-5.246543	.5261501
numchild	-.5277221	.4512722	-1.17	0.242	-1.412991	.357547
educ_junior	-.473861	1.447651	-0.33	0.743	-3.313746	2.366024
educ_leave	1.007359	1.218707	0.83	0.409	-1.383401	3.398118
educ_voc	-1.675208	1.327174	-1.26	0.207	-4.278751	.9283353
_cons	49.02937	4.072179	12.04	0.000	41.0409	57.01784

Restrained consumer borrowing

Source	SS	df	MS	Number of obs	=	1,401
				F(47, 1353)	=	8.06
Model	12786.1833	47	272.046454	Prob > F	=	0.0000
Residual	45664.3187	1,353	33.7504204	R-squared	=	0.2188
				Adj R-squared	=	0.1916
Total	58450.5021	1,400	41.7503586	Root MSE	=	5.8095

beh4s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	-.4971885	.5923429	-0.84	0.401	-1.659199	.6648217
beh1s	.0529567	.0120137	4.41	0.000	.0293891	.0765243
beh5s	-.0015052	.0111972	-0.13	0.893	-.023471	.0204606
beh6s	.0003099	.0054585	0.06	0.955	-.0103981	.011018
beh7s	-.0109044	.0067569	-1.61	0.107	-.0241595	.0023507
beh8s	-.0127045	.0085022	-1.49	0.135	-.0293834	.0039743
kn1s	-.0418983	.0121449	-3.45	0.001	-.0657232	-.0180735
kn2s	.0118512	.0084665	1.40	0.162	-.0047578	.0284601
kn3s	.0416637	.0089086	4.68	0.000	.0241876	.0591398
kn4s	-.0345161	.012048	-2.86	0.004	-.0581509	-.0108813
kn5s	.0444297	.009879	4.50	0.000	.0250499	.0638095
tos	-.0135106	.00936	-1.44	0.149	-.0318724	.0048511
imps	-.0104186	.009346	-1.11	0.265	-.0287528	.0079155
socs	.0233962	.0088577	2.64	0.008	.0060198	.0407726
selfs	-.0140531	.0114315	-1.23	0.219	-.0364786	.0083723
aos	.0101863	.0092494	1.10	0.271	-.0079585	.028331
locs	.0164733	.0126639	1.30	0.194	-.0083697	.0413163
att2s	.0155742	.0081447	1.91	0.056	-.0004034	.0315519
att1s	.0292928	.0145185	2.02	0.044	.0008116	.0577741
e6	.6869013	.3951922	1.74	0.082	-.0883547	1.462157
e7	-.0408519	.3667646	-0.11	0.911	-.7603409	.678637
income_2	-7.68e-06	8.57e-06	-0.90	0.370	-.0000245	9.13e-06
inc_drop	-.4097109	.5551118	-0.74	0.461	-1.498684	.6792624
inc_inc	-1.222559	.6186218	-1.98	0.048	-2.436121	-.0089966
exp_inc	-1.457944	.4428227	-3.29	0.001	-2.326638	-.5892504
e5	.1859037	.3488942	0.53	0.594	-.4985286	.870336
wrkfulltime	-1.746069	.5591326	-3.12	0.002	-2.84293	-.6492078
wrkparttime	-.8177368	.6594123	-1.24	0.215	-2.111318	.4758447
wrkselfemp	-4.819053	.9242546	-5.21	0.000	-6.632181	-3.005926
wrkunempl	.6679351	.8625998	0.77	0.439	-1.024243	2.360113
wrkdisabled	-.3554351	1.060206	-0.34	0.737	-2.43526	1.72439
wrkother	-.5387828	.6193948	-0.87	0.385	-1.753861	.6762956
leinster	-.9432054	.4725518	-2.00	0.046	-1.870219	-.0161917
munster	-.3193192	.4912243	-0.65	0.516	-1.282963	.6443247
ulster	1.008629	.5391689	1.87	0.062	-.0490692	2.066326
renter	-.7549364	.4410603	-1.71	0.087	-1.620173	.1102998
owner_m	-1.327515	.4861373	-2.73	0.006	-2.28118	-.3738507
age_u30	.5724395	.6046969	0.95	0.344	-.6138057	1.758685
age_30_44	-.7107041	.5358844	-1.33	0.185	-1.761959	.3405505
age_45_59	-.5123698	.5315041	-0.96	0.335	-1.555031	.5302919
gender	.1108591	.3462805	0.32	0.749	-.5684459	.7901641
single	.0411621	.4815497	0.09	0.932	-.9035031	.9858272
divorced	-.3322812	.5462209	-0.61	0.543	-1.403813	.7392506
numchild	.053001	.167531	0.32	0.752	-.2756477	.3816497
educ_junior	1.074446	.5374284	2.00	0.046	.0201629	2.12873
educ_leave	1.080729	.4524345	2.39	0.017	.1931796	1.968278
educ_voc	-1.06069	.4927023	-2.15	0.032	-2.027234	-.0941466
_cons	89.19873	1.511762	59.00	0.000	86.23308	92.16438

Informed decision-making

Source	SS	df	MS	Number of obs	=	1,401
				F(42, 1358)	=	28.76
Model	242464.018	42	5772.95281	Prob > F	=	0.0000
Residual	272577.542	1,358	200.71984	R-squared	=	0.4708
				Adj R-squared	=	0.4544
Total	515041.56	1,400	367.886829	Root MSE	=	14.168

beh5s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	.5054472	1.440096	0.35	0.726	-2.319607	3.330502
kn1s	.1702102	.0285206	5.97	0.000	.1142611	.2261594
kn2s	.2295609	.0195087	11.77	0.000	.1912905	.2678313
kn3s	.0622576	.0215034	2.90	0.004	.0200741	.1044411
kn4s	.1392359	.0267414	5.21	0.000	.0867771	.1916948
kn5s	.0272995	.0240118	1.14	0.256	-.0198048	.0744037
tos	-.0068078	.0227464	-0.30	0.765	-.0514297	.0378141
imps	.0702058	.022391	3.14	0.002	.0262811	.1141304
socs	-.1224248	.0212734	-5.75	0.000	-.164157	-.0806926
selfs	.0303258	.027569	1.10	0.272	-.0237567	.0844083
aos	.0038186	.0224131	0.17	0.865	-.0401495	.0477867
locs	.1469566	.0305425	4.81	0.000	.0870409	.2068722
att2s	.0139742	.0198191	0.71	0.481	-.0249053	.0528537
att1s	.0491629	.0331012	1.49	0.138	-.0157722	.114098
e6	2.547751	.9560967	2.66	0.008	.672164	4.423338
e7	-1.555429	.8911004	-1.75	0.081	-3.303511	.192654
income_2	.0000149	.0000207	0.72	0.472	-.0000258	.0000556
inc_drop	.6763477	1.352276	0.50	0.617	-1.976429	3.329124
inc_inc	1.296369	1.507371	0.86	0.390	-1.66066	4.253398
exp_inc	-.3059409	1.073247	-0.29	0.776	-2.411342	1.799461
e5	-.8767296	.8491851	-1.03	0.302	-2.542586	.7891273
wrkfulltime	1.170186	1.361116	0.86	0.390	-1.499933	3.840305
wrkparttime	2.698317	1.602604	1.68	0.092	-.4455317	5.842165
wrkselfemp	1.480223	2.25115	0.66	0.511	-2.935886	5.896332
wrkunempl	.3600367	2.099181	0.17	0.864	-3.757953	4.478027
wrkdisabled	1.980452	2.581464	0.77	0.443	-3.083639	7.044543
wrkother	.763811	1.506371	0.51	0.612	-2.191256	3.718878
leinster	2.151148	1.138107	1.89	0.059	-.0814906	4.383787
munster	3.804263	1.186764	3.21	0.001	1.476172	6.132353
ulster	5.967454	1.293943	4.61	0.000	3.42911	8.505798
renter	-.0627196	1.0731	-0.06	0.953	-2.167834	2.042395
owner_m	.2532985	1.18148	0.21	0.830	-2.064426	2.571023
age_u30	-3.024073	1.461982	-2.07	0.039	-5.892062	-.1560849
age_30_44	-2.589524	1.301023	-1.99	0.047	-5.141758	-.0372902
age_45_59	-1.884459	1.293364	-1.46	0.145	-4.421668	.6527499
gender	3.354151	.838571	4.00	0.000	1.709116	4.999186
single	.1676117	1.171935	0.14	0.886	-2.131388	2.466612
divorced	.1349396	1.328955	0.10	0.919	-2.472088	2.741967
numchild	-.5086979	.4074889	-1.25	0.212	-1.308074	.2906781
educ_junior	.8722241	1.295625	0.67	0.501	-1.669419	3.413867
educ_leave	.9387624	1.098428	0.85	0.393	-1.216037	3.093562
educ_voc	-.3985516	1.196664	-0.33	0.739	-2.746062	1.948959
_cons	8.873182	3.638328	2.44	0.015	1.735828	16.01054

Appendix 7: Financial locus of control – Parsimonious and explorative models (weighted results)

Parsimonious:

Source	SS	df	MS		
				Number of obs	= 1,401
				F(34, 1366)	= 26.73
Model	144799.682	34	4258.81418	Prob > F	= 0.0000
Residual	217673.915	1,366	159.351329	R-squared	= 0.3995
				Adj R-squared	= 0.3845
Total	362473.597	1,400	258.909712	Root MSE	= 12.623

locs	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	5.82431	1.175716	4.95	0.000	3.517906	8.130714
kn1s	.1164235	.0229334	5.08	0.000	.071435	.161412
kn4s	.077105	.0232802	3.31	0.001	.0314362	.1227737
tos	.0478589	.0193676	2.47	0.014	.0098654	.0858524
socs	-.0680571	.0181992	-3.74	0.000	-.1037585	-.0323556
selfs	.280955	.0228449	12.30	0.000	.2361401	.3257698
aos	.0557692	.0194722	2.86	0.004	.0175706	.0939679
att1s	.0819969	.0271351	3.02	0.003	.0287659	.1352279
income_2	.0000252	.0000183	1.38	0.168	-.0000106	.000061
inc_drop	-1.722886	1.202474	-1.43	0.152	-4.081782	.6360096
inc_inc	2.427954	1.33649	1.82	0.069	-.1938424	5.04975
exp_inc	-.0866294	.9415364	-0.09	0.927	-1.933643	1.760385
e5	.7431695	.7347689	1.01	0.312	-.6982282	2.184567
wrkfulltime	2.115459	1.201332	1.76	0.078	-.2411973	4.472114
wrkparttime	.9601989	1.417062	0.68	0.498	-1.819656	3.740053
wrkselfemp	3.065923	1.997324	1.54	0.125	-.8522317	6.984078
wrkunempl	-3.539185	1.854803	-1.91	0.057	-7.177757	.0993873
wrkdisabled	-7.208881	2.287789	-3.15	0.002	-11.69684	-2.720919
wrkother	1.162343	1.336039	0.87	0.384	-1.458568	3.783254
leinster	-.6423679	.9811771	-0.65	0.513	-2.567145	1.282409
munster	-.2982544	1.02663	-0.29	0.771	-2.312197	1.715689
ulster	5.223591	1.11832	4.67	0.000	3.02978	7.417402
renter	-.9443606	.9501087	-0.99	0.320	-2.808191	.9194696
owner_m	-.8634584	1.04497	-0.83	0.409	-2.913378	1.186461
age_u30	.0693754	1.293512	0.05	0.957	-2.468111	2.606861
age_30_44	-1.423655	1.150754	-1.24	0.216	-3.681092	.8337816
age_45_59	-1.682595	1.143937	-1.47	0.142	-3.92666	.5614692
gender	-.5530551	.7435366	-0.74	0.457	-2.011652	.9055423
single	.8487385	1.040371	0.82	0.415	-1.19216	2.889637
divorced	-1.766048	1.177788	-1.50	0.134	-4.076516	.5444209
numchild	-.3430029	.361603	-0.95	0.343	-1.05236	.3663545
educ_junior	-.5486029	1.140271	-0.48	0.631	-2.785474	1.688269
educ_leave	-.9988235	.971514	-1.03	0.304	-2.904645	.9069976
educ_voc	-.2784191	1.063662	-0.26	0.794	-2.365008	1.80817
_cons	28.18862	2.843533	9.91	0.000	22.61046	33.76679

Explorative:

Source	SS	df	MS	Number of obs	=	1,401
				F(40, 1360)	=	23.02
Model	146351.032	40	3658.7758	Prob > F	=	0.0000
Residual	216122.565	1,360	158.913651	R-squared	=	0.4038
				Adj R-squared	=	0.3862
Total	362473.597	1,400	258.909712	Root MSE	=	12.606

locs	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
a1_new	5.294343	1.273069	4.16	0.000	2.796952	7.791734
kn1s	.091717	.0250717	3.66	0.000	.0425336	.1409004
kn2s	.029141	.017135	1.70	0.089	-.0044729	.0627549
kn3s	.0222545	.0191235	1.16	0.245	-.0152603	.0597694
kn4s	.0703731	.0236876	2.97	0.003	.023905	.1168412
kn5s	.0078797	.0212695	0.37	0.711	-.0338448	.0496042
tos	.0481519	.0200587	2.40	0.017	.0088026	.0875012
imps	.0033503	.0199178	0.17	0.866	-.0357227	.0424233
socs	-.0608754	.0188439	-3.23	0.001	-.0978417	-.0239091
selfs	.2725757	.0233903	11.65	0.000	.2266908	.3184607
aos	.0520331	.0198315	2.62	0.009	.0131294	.0909368
att1s	.0847303	.0293479	2.89	0.004	.0271583	.1423024
e6	.3904476	.8501485	0.46	0.646	-1.277297	2.058192
e7	1.267151	.7914668	1.60	0.110	-.2854776	2.819779
income_2	.0000234	.0000183	1.27	0.203	-.0000126	.0000594
inc_drop	-1.770915	1.201869	-1.47	0.141	-4.128634	.5868031
inc_inc	2.164882	1.339329	1.62	0.106	-.462493	4.792257
exp_inc	-.2140371	.94793	-0.23	0.821	-2.073601	1.645526
e5	.4245559	.7549774	0.56	0.574	-1.056491	1.905602
wrkfulltime	1.939592	1.209508	1.60	0.109	-.4331118	4.312296
wrkparttime	.7973298	1.425791	0.56	0.576	-1.999659	3.594319
wrkselfemp	3.150281	2.00102	1.57	0.116	-.7751392	7.0757
wrkunempl	-3.515643	1.864222	-1.89	0.060	-7.172706	.1414209
wrkdisabled	-6.8839	2.289307	-3.01	0.003	-11.37486	-2.392943
wrkother	1.213686	1.339809	0.91	0.365	-1.414631	3.842003
leinster	-.1881019	.9998984	-0.19	0.851	-2.149612	1.773409
munster	-.2392294	1.050328	-0.23	0.820	-2.299667	1.821208
ulster	5.286685	1.136418	4.65	0.000	3.057363	7.516007
renter	-1.129246	.9542094	-1.18	0.237	-3.001128	.7426356
owner_m	-1.13909	1.049759	-1.09	0.278	-3.198412	.9202329
age_u30	-.3022957	1.300679	-0.23	0.816	-2.85385	2.249258
age_30_44	-1.708208	1.156704	-1.48	0.140	-3.977327	.5609102
age_45_59	-2.012601	1.148815	-1.75	0.080	-4.266243	.2410412
gender	-.6155905	.7452199	-0.83	0.409	-2.077496	.8463147
single	.7083135	1.042465	0.68	0.497	-1.336701	2.753328
divorced	-1.749543	1.181394	-1.48	0.139	-4.067095	.5680091
numchild	-.2741493	.3623034	-0.76	0.449	-.9848836	.4365849
educ_junior	-.1568817	1.152652	-0.14	0.892	-2.418051	2.104287
educ_leave	-.7087849	.9770887	-0.73	0.468	-2.625549	1.20798
educ_voc	-.3614295	1.064504	-0.34	0.734	-2.449677	1.726818
_cons	25.76084	3.160223	8.15	0.000	19.5614	31.96028

Appendix 8: Financial Well-Being Sampling Methodology (Amárach Research)

We conducted a bespoke face-to-face nationally representative quantitative survey, carried out through Amárach's computer-assisted personal interviewing (CAPI) system, managed carefully employing our ISO 20252 quality control mechanisms. A protocol for the survey is presented below.

Sampling

The sample is nationally representative of the Irish population of adults. Quotas were set to ensure the sample attained is aligned to the Irish population based on CSO Census 2016 figures[1]. Quotas were set on the demographics of age, gender, region and social class. This ensures that the findings are generalizable to the national population. Below is a description of the quotas employed.

	Population 18+
Gender	
Male	49%
Female	51%
Age	
18-24	11%
25-34	19%
35-44	21%
45-54	17%
55+	32%
Social Class	
AB	13%
C1	29%
C2	21%
DE	31%
F50+	5%
F50-	1%
Region	
Dublin	29%
Rest of Leinster	26%
Munster	27%
Connaught/Ulster	18%

The sampling system employed 100 starting points included geographic coordinate information. 15 complete interviews with appropriate participants were achieved per point. Each sampling point was

[1] http://www.cso.ie/px/pxeirestat/Statire/SelectVarVal/Define.asp?maintable=E3003&PLanguage=0

quota controlled. This provided a total of 1,500 completed interviews from a nationally representative sample of the population.

The sample design is based on a confidence interval of 95% and allows for the following error rate.

Sample	Sample Points	Completes Per Point	Error Rate	Confidence interval
1,500	100	15	2.53%	95%

Questionnaire Design

The questionnaire was supplied by SIFO, it replicated an international study that had had been completed in other countries.

Amárach scripted the survey in house using the international industry standard software NIPO, which is used across all of Amárach's data collection platforms. The link was provided to the client before fieldwork commenced for testing and sign off.

Pilot Study

A pilot field test of 20 completed face-to-face interviews spread among 3 experienced pilot interviewers were carried out prior to main stage data collection. Interviewer quotas for the pilot study reflected the quotas set for the main data collection. The pilot data was analysed, and a short briefing took place with interviewers to detect any issues. There were no changes made to the layout of the survey, so the pilot data was included in the main sample.

Data Collection Process

Data was collected face-to-face in the home of the respondents. The surveys were conducted using the CAPI (Computer Assisted Personal Interviewing) method. For this study, electronic tablet devices were used. Through the use of CAPI, the coordinates of where the interviews take place is automatically uploaded, allowing for the geo coding of data. When contacting the household, the interviewer sought out an adult resident (18 years and older) with whom to complete a screening to see if they fit the quota. The interviewer was supplied with a text on their CAPI devise explaining the research. The interviewer completed the questionnaire with the participant once consent had been given. The screening and interview data is automatically uploaded to Amárach's server via a secure encrypted transmission.

Data Analysis

At the data output stage, our data analysts can operate within several different software packages. Our in-house software includes: NIPO (We will use NIPO language for the programming of the instrument); Merlin; Excel (and Comma Delimited Format); SPSS; and ASCII – which provides a very flexible format against which we can convert data to any other package types.

NIPO allows us the capacity to prepare, clean and validate large datasets as well as exporting the data directly into SPSS for analysis. It has been at the heart of Amárach's business for a decade.

Amárach will provided a cleaned and checked dataset in SPSS formats as required.

Appendix 9: Deriving and scaling the components

Our approach to deriving components of financial well-being and capability from the survey questions involved two distinct but related stages:

- Variable derivation and initial allocation against the conceptual model.
- Identification/construction of the underlying components within different levels of the model.

After an initial review of the data, only valid cases were included in the final data set. Valid cases were defined as those who responded using meaningful responses to at least 15 questions from the questionnaire and for whom a measure of total income could be derived. In addition, some cases were omitted from the sample, involving young people living with their parents who gave information about the household's finances even though they were not responsible for managing them. In total, 122 cases were excluded. Components were derived for only the remaining 1,919 valid cases.

VARIABLE DERIVATION AND ALLOCATION

Variable derivation involves the cleaning of each survey variable relevant to the financial well-being model to make them suitable for use in analysis to identify and construct components in the next stage. Crucial to this, every variable considered for the analysis must include all valid cases in the sample. The great majority of survey questions were, by design, asked of all respondents. Therefore, for these variables, all respondents were represented in the data, whether by a meaningful pre-coded response or a 'don't know' response. In other instances, we used a sequence of questions with filtering within the questionnaire to create a survey variable.

It is also crucial to the analysis that the response categories of all the variables used are scaled or at least ordered. Most survey variables were already designed in this way, but some needed to be derived or re-constructed to take this into account. Additionally, we recoded valid missing responses (such as 'don't know' and 'prefer not to answer') to the most relevant meaningful response category. Typically, this was a middle value within the scale, or the most common ('modal') value. This was intended to be parsimonious.

We also re-ordered the response categories wherever necessary to ensure that a low score corresponded to low well-being or capability and a high score to high well-being or capability. In some cases, this involved the wholesale reversal of the order of the response categories. This was done to facilitate the interpretation of the components.

Finally, the resulting analysis variables were allocated provisionally to the relevant level and element of the conceptual model, for example, a behaviour or knowledge and experience. For the small number of variables that were of potential relevance to more than one level of the framework, they were provisionally allocated to both.

IDENTIFICATION AND CONSTRUCTION OF COMPONENTS

We used Principal Components Analysis (PCA) to both identify and construct financial well-being and financial capability components based on the survey variables. PCA is one of several analytical techniques which explore the patterns occurring naturally within the data. It looks across respondents' answers to identify commonality in their answers to the different survey variables, and reduces variables to underlying components. PCA is one such technique which is suitable for exploratory

analysis, where there are no prior assumptions about which particular variables relate well to each other. It is also the most robust of these techniques.

We applied PCA to the variables cleaned and derived in the previous stage. All analysis was undertaken *within* each level of the conceptual model in turn. As such, we assumed *a priori* (based on the conceptual model) that these variables related to a particular level but not what the particular components might be within that level. We undertook several suites of PCAs: one suite per level.

IDENTIFYING COMPONENTS

Identifying the components was an iterative process for each level of the model. First, all variables identified within a level were entered into an initial PCA. We used the results of the initial PCA (which did not specify how many components to return) against diagnostic criteria to identify the optimal solution.[2] We then re-ran the PCA requesting the number of solutions indicated by the optimal solution and interpreted the resulting provisional components based on the 'loading' of the variables on each returned component. Loading is a measure of the correlation of the observed variable with the underlying component and is given by the structural coefficient. Interpretability of the resulting components was important, as was ensuring that components were indicated by more than one variable and ideally by more than two.

When we were satisfied that we had interpretable and meaningful solutions, we identified and extracted the higher-loading variables for each component in turn.[3] We tested the reliability and sampling adequacy of the data for each subset of variables.[4] We also re-ran a one-component PCA for each subset of variables to check that the results remained intuitive.

The exception to this iterative approach was for the six psychological traits, such as time orientation. For these, the survey variables (three for each) were informed directly by existing, validated psychological scales. As such, these were explored in their defined sets and each set was found to reflect the same construct, also demonstrating strong reliability and sampling adequacy.

CONSTRUCTING COMPONENTS

With the components now defined, we constructed and rescaled them so that they took on a potential score ranging from a true minimum of 0 to a true maximum of 100. For ease of interpretation, an absolute scale like this is desirable. It also allows for comparisons in average scores between components.

However, PCA (and its related techniques) describe component scores on relative scales (respondents relative to each other, indicated by standard deviations from a mean of zero). To address this, for each component, we force-coded a 'fake' case to score the minimum score on each variable contributing to each component in turn, and another to score the maximum. The PCA was re-run to include these two minimum / maximum cases, and we re-scaled the resulting scores between 0 and 100,[5] calculated based on the relative scores for these two cases. The two fake cases were then removed for all subsequent analysis

[2] Diagnostic criteria included: explained variance, eigenvalues, scree plot and Monte Carlo parallel run.
[3] We used a threshold of 0.30 as our guide for considering a variable to be important to a component.
[4] Using the Cronbach's alpha and Kaiser-Meyer-Olbin (KMO) statistics respectively.
[5] Which takes the respondent's score, subtracts the minimum possible from this, and divides this by the difference between the maximum and minimum possible scores, and then multiplies the result by 100.